

20020726.qrp v02_n628.qrl.20020726

Date: Fri, 26 Jul 2002 19:03:07 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2628

QRP-L Digest 2628

Topics covered in this issue include:

- 1) [130684] Re: [Elecraft] Rarities
by Donn Kuse <casey.jay@gte.net>
- 2) [130685] Some old battery monitor circuits
by ARDUJENSKI@aol.com
- 3) [130686] Ground plane answers-Thanks to all!
by "TC Dufresne" <tdufresne@neb.rr.com>
- 4) [130687] Re: 2SC1969 TRANSISTORS
by George Franklin <w0av@juno.com>
- 5) [130688] Re: Metric Time?
by George Franklin <w0av@juno.com>
- 6) [130689] anyone on Cape Cod?
by Goemans <jgoemans@facstaff.wisc.edu>
- 7) [130690] OT - 2 meter yagi
by "blinn" <blinn@smgazette.com>
- 8) [130691] Small QRP receiver
by "Chetan Bhargava" <wiz@bhargavaz.net>
- 9) [130692] Recording of the FOXII
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 10) [130693] UTC-TAI Time
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 11) [130694] [CONTEST] N2CQ QRP Contest Calendar June 26-31
by "Ken Newman" <n2cq@dandy.net>
- 12) [130695] Re: Small QRP receiver
by "Mike WA8BXN" <hubby2k@hotmail.com>
- 13) [130696] Need hard drive for laptop computer
by "Ken Simpson, W8EK" <W8EK@fdt.net>
- 14) [130697] Re: OT - 2 meter yagi
by Arthur Moe <kb7ww@easystreet.com>
- 15) [130698] Re: OT - 2 meter yagi
by Chris Cartwright <ccart@phideaux.com>
- 16) [130699] Austin Summerfest Ham Convention QRP forum in Butch Cassidy Room at
11 AM., Red Lion Hotel.
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 17) [130700] Re: Small QRP receiver...Don't forget the MRX
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 18) [130701] Re: Small QRP receiver
by Jeff <fantbb@yahoo.com>

- 19) [130702] Final Final Fox Log K0FRP
by "Al Dawkins" <alk0frp@attbi.com>
- 20) [130703] Use of of Fiberglass masts
by "Alex Turner" <aturner13@triad.rr.com>
- 21) [130704] Fox- Need alternate for K4FB tonight
by Paul Womble <pwomble1@tampabay.rr.com>
- 22) [130705] FREE code practice program
by "Walt Amos" <k8cv@netzero.net>
- 23) [130706] Re: [130680] RE: Metric Time?
by Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>
- 24) [130707] Re: Use of of Fiberglass masts
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 25) [130708] Re: Use of of Fiberglass masts
by "Mike Yetsko" <myetsko@insydesw.com>
- 26) [130709] Re: Fox- Need alternate for K4FB tonight
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 27) [130710] Re: Rarities
by Donn Kuse <casey.jay@gte.net>
- 28) [130711] RE: Use of of Fiberglass masts
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 29) [130712] Re: Use of of Fiberglass masts
by Stephan Greene <sgreene@patriot.net>
- 30) [130713] Fox- K4FB replacement
by Paul Womble <pwomble1@tampabay.rr.com>
- 31) [130714] Re: Fox- Need alternate for K4FB tonight
by Hank Kohl K8DD <k8dd@arrl.net>
- 32) [130715] Re: 2SC1969 TRANSISTORS
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 33) [130716] Re: 2SC1969 TRANSISTORS
by <n2go@arrl.net>
- 34) [130717] Fox- N0UR spot
by Paul Womble <pwomble1@tampabay.rr.com>
- 35) [130718] Screwed up my exchange with DOC!!!!
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 36) [130719] Fox- K0EVZ spot
by Paul Womble <pwomble1@tampabay.rr.com>
- 37) [130720] FS: kits + misc
by "Michael Bower N4NMR" <bowerm@ix.netcom.com>
- 38) [130721] N0UR FOX
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 39) [130722] Fox- quick report from K0EVZ
by Paul Womble <pwomble1@tampabay.rr.com>
- 40) [130723] Re: Use of of Fiberglass masts
by WE7X@aol.com
- 41) [130724] FOX -- Weird conditions tonight
by Bill Coleman <aa4lr@arrl.net>
- 42) [130725] Re: FREE code practice program
by "Lynn Geitgey" <lgeitgey@kumc.edu>

- 43) [130726] Fox
by "John Paul Keon" <jpkeon@nc.rr.com>
- 44) [130727] Re: Fox- quick report from K0EVZ
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 45) [130728] Re: OT: ARRL Section News
by Bill Coleman <aa4lr@arrl.net>
- 46) [130729] FOX K0EVZ = 18 mins left [g]
by "wilford lindsey" <dock0evz@earthlink.net>
- 47) [130730] FOX: neither heard in CO...
by "Rod N0RC" <rod@n0rc.us>
- 48) [130731] Re: Use of of Fiberglass masts (LONG)
by Lew Paceley <lew@paceley.com>
- 49) [130732] First Rock-Mite QSO in the book
by Chuck Adams <k7qo@earthlink.net>
- 50) [130733] FOXII Audio Clips Updated
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 51) [130734] FOX K0EVZ = first report
by "wilford lindsey" <dock0evz@earthlink.net>
- 52) [130735] first dx!!
by Gary Lee <kb9zuv@arrl.net>
- 53) [130736] Very Untimely Truffle Report from 7/18
by RLemmel@aol.com
- 54) [130737] Re: UTC-TAI Time
by "Tom Curtola" <tcurtola@rogers.com>
- 55) [130738] no foxes
by Gary Lee <kb9zuv@arrl.net>
- 56) [130739] Re: Small QRP receiver...Don't forget the MRX
by "Chetan Bhargava" <wiz@bhargavaz.net>
- 57) [130740] Re: Small QRP receiver...Don't forget the MRX
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 58) [130741] Re: Small QRP receiver...Don't forget the MRX
by "Chetan Bhargava" <wiz@bhargavaz.net>
- 59) [130742] Re: Use of of Fiberglass masts
by David Gauding <david.gauding@bbs.galilei.com>
- 60) [130743] Summer FOX Hunts
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 61) [130744] Re: Use of of Fiberglass masts
by "John Moriarity" <k6qq@hdo.net>
- 62) [130745] Re: Left coast and the Summer FOX Hunts
by Arthur Moe <kb7ww@easystreet.com>
- 63) [130746] Late adventures with double foxii on the new stealth antler...
by Macstein@aol.com
- 64) [130747] OT: Need A.C. adapter for Compaq Armada 7370
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 65) [130748] Re: Use of of Fiberglass masts -- 65-ft
by Ade Weiss W0RSP <adeweiss@sd.value.net>
- 66) [130749] One of two
by Bob Nielsen <nielsen@oz.net>

67) [130750] Re: Metric Time? What's Next?
by "Adam" <jabba@w3.to>

68) [130751] Re: Use of of Fiberglass masts -- 65-ft
by Bill ROWLETT <kc4atu@yahoo.com>

69) [130752] Re: first dx!!
by Bill ROWLETT <kc4atu@yahoo.com>

70) [130753] RE: Use of of Fiberglass masts -- 65-ft
by "Dave Richards" <wr3i@earthlink.net>

71) [130754] New audio amp
by "Leon Heller" <leon_heller@hotmail.com>

72) [130755] Re: Use of of Fiberglass masts
by Ingo Meyer DK3RED <dk3red@t-online.de>

73) [130756] Re: first dx!!
by Alex <kr1st@amsat.org>

74) [130757] Re: 2SC1969 TRANSISTORS
by "jhecht@dnaco.net" <jhecht@dnaco.net>

75) [130758] A varicap question
by Alex <kr1st@amsat.org>

76) [130759] Re: Use of of Fiberglass masts -- 65-ft
by David Heintzleman <pstrdave@kdsi.net>

77) [130760] Re: NOUR FOX
by W2AGN <w2agn@w2agn.net>

78) [130761] Re: New audio amp
by Tim ORourke <TORourke@kaiserft.com>

79) [130762] Century 21 FS
by "johngabbard" <johngabbard@usintouch.com>

80) [130763] RE: A varicap question
by "AI2Q Alex" <ai2q@adelphia.net>

81) [130764] Re: A varicap question
by Alex <kr1st@amsat.org>

82) [130765] RE: Fiberglass Masts
by "Sparky" <lou@harborside.com>

83) [130766] Trac Keyer FS
by "Ken Simpson, W8EK" <W8EK@fdt.net>

84) [130767] Re: 12v Battery Monitor circuit
by "Ronald A Pfeiffer" <Ronald_A_Pfeiffer@raytheon.com>

85) [130768] Re: Use of of Fiberglass masts
by George Reeves <greeves@emory.edu>

86) [130769] RE: Fiberglass Masts
by "Walter AG5P" <walter@accessus.net>

87) [130770] Re: OT - 2 meter yagi
by "blinn" <blinn@smgazette.com>

88) [130771] Re: New audio amp
by "George, W5YR" <w5yr@att.net>

89) [130772] Re: New audio amp
by Jeff Stai WK6I <wk6i@twistedoak.com>

90) [130773] Re: New audio amp
by "Charles W3KC" <w3kc@starpower.net>

- 91) [130774] Re: New audio amp
by David Hinerman <WD8CIV@worldnet.att.net>
- 92) [130775] Re: New audio amp
by "Tim, N9PUZ" <n9puz@arrl.net>
- 93) [130776] Great circle maps
by Steven Weber <kd1jv@moose.ncia.net>
- 94) [130777] Re: New audio amp
by "Leon Heller" <leon_heller@hotmail.com>
- 95) [130778] Re: A varicap question
by "Bob Tellefsen" <n6wg@earthlink.net>
- 96) [130779] Re: New audio amp
by David Hinerman <WD8CIV@worldnet.att.net>
- 97) [130780] QRP Forum at Huntsville Hamfest
by "Frank Emens" <femens@hiwaay.net>
- 98) [130781] Re: New audio amp
by "Leon Heller" <leon_heller@hotmail.com>
- 99) [130782] Antennas and Spouses
by Patrick Gardella <pgardella@yahoo.com>
- 100) [130783] RV: CQ East Coast again!
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 101) [130784] RE: CQ East Coast again!
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 102) [130785] Battery Monitor Circuits no good?
by ARDUJENSKI@aol.com
- 103) [130786] Re: Antennas and Spouses
by "Tim, N9PUZ" <n9puz@arrl.net>
- 104) [130787] Need Help on Index Labs QRP Plus
by Rob Ellis <ac6wq@yahoo.com>
- 105) [130788] Re: A varicap question
by "M.J.Powell" <mike@pickmere.demon.co.uk>
- 106) [130789] BB propagation?
by Steven Weber <kd1jv@moose.ncia.net>
- 107) [130790] Bands Rotten?
by W2AGN <w2agn@w2agn.net>
- 108) [130791] Re: Battery Monitor Circuits no good?
by Ingo Meyer DK3RED <dk3red@t-online.de>
- 109) [130792] Fwd: WWV-Message
by Ed Tanton <n4xy@earthlink.net>
- 110) [130793] Re: BB propagation?
by W2AGN <w2agn@w2agn.net>
- 111) [130794] Re: Battery Monitor Circuits no good?
by Ingo Meyer DK3RED <dk3red@t-online.de>
- 112) [130795] BB propagation?
by N1EU <n1eu@yahoo.com>
- 113) [130796] OT: (sort of) PIM/Calendars
by Ed Tanton <n4xy@earthlink.net>
- 114) [130797] ZM-2's
by "Tom" <kf4yyd@adelphia.net>

- 115) [130798] Smart battery charger
by "Joe W2KJ" <w2kj@earthlink.net>
- 116) [130799] The Final Roster--150 Bees!
by Russ Carpenter <russ@natworld.com>
- 117) [130800] FS/Trade: S&S Engineering PC-1 digital readout
by "NZ8J" <timcook@erinet.com>
- 118) [130801] Re: Smart battery charger
by "William K. Harding" <k4ahk@ix.netcom.com>
- 119) [130802] Re: Bands Rotten?
by "Jim Stamper" <jstamper@shentel.net>
- 120) [130803] Re: ZM-2's
by <igeq100@iupui.edu>
- 121) [130804] Re: BB propagation - encourage folks to give 15M a try
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 122) [130805] Re: BB propagation - encourage folks to give 15M a try
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 123) [130806] need manual please...
by Bruce Ratray <rattray@gpfn.sk.ca>
- 124) [130807] What the heck is the BB contest???
by Jim Larsen - AL7FS <AL7FS@arrl.net>
- 125) [130808] a little helpful aid...
by Bruce Ratray <rattray@gpfn.sk.ca>
- 126) [130809] On the Air in Grayling
by "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>
- 127) [130810] Re: FOX K0EVZ = first report
by Lloyd Lachow <llachow@yahoo.com>
- 128) [130811] Re: 12v Battery Monitor circuit
by "Leon Heller" <leon_heller@hotmail.com>
- 129) [130812] RE: CQ East Coast again!
by "Juanjo Pastor" <ec5aca@wanadoo.es>
- 130) [130813] Re: Antennas and Spouses
by Larry Cahoon <lejek@erols.com>
- 131) [130814] Eudora
by Bruce Ratray <rattray@gpfn.sk.ca>

Date: Thu, 25 Jul 2002 19:08:01 -0400
From: Donn Kuse <casey.jay@gte.net>
To: Gilbert J Cross <k8eag@juno.com>,
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Cc: elecrafft@mailman.qth.net
Subject: [130684] Re: [Elecraft] Rarities
Message-ID: <3D4084D0.4C1001B7@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

Speaking of rarities, worked a 5KZZ on at 21.290 yesterday, using only 5 watts. I've been trying to find out the QTH and QSL info. It was hard to understand the operator. Believe he said QSL via DH7WW but I'm not sure. Wonder if anyone else worked this station?

72/73 Donn, WB4ZWT

67 and still learning

Gilbert J Cross wrote:

> I had a rare thing happen the other day. On a " dead " 15 mtr.
> band I had a nice 40 minute ragchew. Rare indeed for the way the bands
> seem to be used today.
> Have noticed that the bands seem to always be open for special
> events or a contest " coincidence, I think not."
> The Elecraft fellows had a good idea for using the bands more
> when indeed they seem to be dead.
> I have called on 28715 and listened there many times and have
> only had one or two contacts there and only one fellow was running a K2.
> Love my K2 73 Gil K8EAG
> -----
> Elecraft mailing list: Elecraft@mailman.qth.net
> You must be a list member to post to the list.
> Postings must be plain text (no HTML or attachments).
> See: <http://mailman.qth.net/mailman/listinfo/elecraft>
> Elecraft Web Page: <http://www.elecraft.com>

Date: Thu, 25 Jul 2002 19:11:00 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@lehigh.edu

Subject: [130685] Some old battery monitor circuits

Message-ID: <fe.1b42e1ad.2a71df84@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Here are a few circuits I found a few years ago for battery charge monitoring

http://www.reconnsworld.com/power_highlowbattmon.html

<http://www.uoguelph.ca/~antoon/gadgets/batt324.htm>

Alan KB7MBI in Woodinville, WA

FISTS 5702 Proud member of ARRL

Date: Thu, 25 Jul 2002 23:10:34 +0100
From: "TC Dufresne" <tdufresne@neb.rr.com>
To: <qrp-1@lehigh.edu>
Subject: [130686] Ground plane answers-Thanks to all!
Message-ID: <006f01c23428\$19517460\$d3b61c41@neb.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all who replied about my query on maintaining a "ground plane" on a dual sided PCB while etching the other side.

Answers varied, but were all really good! Here are the suggestions:

- 1) adhesive shelf paper, be sure to smooth it down!
- 2) paint-just apply and then wipe off with strong paint remover.. (messy!)
- 3)nail polish-paint it on, then remove with acetone
- 4)Electrical tape. Applied in strips I assume, then removed
- 5)Rubber cement, applied like paint, then removed
- 6)thin plastic acetate, edges taped to seal.
- 7)Masking tape

All looked possible, I think I will try the nail polish. That looks good to me, and I can finally use the rest of the polish I bought to mark my transformer leads when I built the 2N2-40 rig. ;) (it was a good idea, but it didn't work)

Again, thank you all for your submissions. I will send an order to Mouser soon and then I will build the amp. Listen for me!

Thanks

Tom

KC0GXX

Date: Thu, 25 Jul 2002 18:26:31 -0500
From: George Franklin <w0av@juno.com>
To: WD8CIV@worldnet.att.net
Cc: qrp-1@lehigh.edu
Subject: [130687] Re: 2SC1969 TRANSISTORS
Message-ID: <20020725.182632.-1276177.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Date: Thu, 25 Jul 2002 18:26:13 -0500
From: George Franklin <w0av@juno.com>
To: WD8CIV@worldnet.att.net
Cc: qrp-1@lehigh.edu
Subject: [130688] Re: Metric Time?
Message-ID: <20020725.182632.-1276177.1.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello Dave,

Good story!

A ham friend of mine (now SK) once publicized his "metric anvil" but it never became a viable product.

He was also the father of the original transistorized bath tub; another loser.

Oh, well. Sorry!

72 de George/W0AV
Hamming since '35

Date: Thu, 25 Jul 2002 18:42:19 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [130689] anyone on Cape Cod?
Message-ID: <3.0.2.32.20020725184219.006ab09c@facstaff.wisc.edu>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

Hello all,

I will be spending a week on Cape Cod soon, any QRP-types nearby?
Also will be in the Boston area, anyone there? My K1-4 will be there too!

72, Paul

Paul Goemans WA9PWP
Stoughton, WI 53589
all email checked by NAV2002

Date: Thu, 25 Jul 2002 16:48:36 -0700
From: "blinn" <blinn@smgazette.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130690] OT - 2 meter yagi
Message-ID: <004401c23435\$ccbdd860\$6a8aa242@blinn>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Just spent two hours searching the IE for a 2 meter yagi design I found previously. Didn't print the info because the printer was out of whack... now, I can't locate it.

It was three elements with a unique driven element, unique in that it is folded on one half. Perhaps someone on the list is familiar with this design and can direct me to the information?

Thanks,

Bill - WA7TQK

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

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Date: Thu, 25 Jul 2002 16:49:22 -0700
From: "Chetan Bhargava" <wiz@bhargavaz.net>
To: <qrp-1@lehigh.edu>
Subject: [130691] Small QRP receiver
Message-ID: <013e01c23435\$ece3fa70\$2701a8c0@chetan>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi,

I'm a RF newbie trying to get my license. I learnt on the web that one should start by listening to CW and then try to send it. I don't have any short-wave receiver but I'm ready to build one. As this is for practice only, it doesn't matter which band. Can someone please point me to a simple schematic.

Thanks.

Chetan Bhargava

Date: Thu, 25 Jul 2002 16:53:04 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [130692] Recording of the FOXII
Message-ID: <009901c23436\$6b0eb700\$f993b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

If conditions are favorable tonight, I'll be recording the FOXII from here in Burbank. Give ya'll an idea of how you sound out this way. I'll have it up on the web either later tonight or tomorrow...depends if the YL goes to bed early or wants to hang out ;-)

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Thu, 25 Jul 2002 17:16:09 -0700
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>

Subject: [130693] UTC-TAI Time
Message-ID: <009a01c23439\$a4b809e0\$f993b2d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

I ran accross this very hany web site, and thought that some of you
might find it usefull too:

http://www.bipm.fr/enus/5_Scientific/c_time/time_server.html

It displays current UTC time through your web browser...

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Thu, 25 Jul 2002 20:24:37 -0400
From: "Ken Newman" <n2cq@dandy.net>
To: "W3BG" <W3BG@arrl.net>, "N4SO" <N4SO@Juno.com>,
"QRP-L Reflector" <QRP-L@lehigh.edu>,
Subject: [130694] [CONTEST] N2CQ QRP Contest Calendar June 26-31
Message-ID: <004301c2343a\$d5f75960\$0c891c42@18.95.182.twsn1.md.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

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N2CQ QRP CONTEST CALENDAR

July 26-31, 2002

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Summer Fox Hunts - 20 Meters CW QRP - Friday 0200z - July & August

(Thursday Evenings US Local Time)

Details: <http://www.cqc.org/fox/index.htm>

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Truffle Hunt 30 minutes before the Fox Hunt

Details: <http://fpqrp.com/struffle.html>

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RUSSIAN RTTY WW CONTEST

Jul 27 - 0000z to Jul 28 - 2400z

Rules: <http://www.sk3bg.se/contest/russrtty.htm>

"FYI.. QRO RTTY. All bands"

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Venezuelan Independence Day Contest (CW)

Jul 27 - 0000Z to Jul 28 - 2400Z

Rules: <http://www.sk3bg.se/contest/yvdx.htm>

"Work YV and anyone else"

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Islands On The Air Contest (CW/SSB)

Jul 27 - 1200z to Jul 28 1200z

Rules: <http://www.g4tsh.demon.co.uk/HFCC>

"IOTA DXpeditions Encouraged"

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Flight of the Bumblebees (CW) ... QRP Contest!

Jul 28 - 1700z to 2100z

Rules: http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

"Most outrageous venture for QRP Portable"

~~~~~  
Thanks to SM3CER, WA7BNM, ARRL and others  
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

\*\*\*\* QRP Contest Calendar \*\*\*\*  
<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

72 de  
Ken Newman - N2CQ  
N2CQ@ARRL.NET

-----  
Date: Thu, 25 Jul 2002 20:23:21 -0400 (Eastern Daylight Time)  
From: "Mike WA8BXN" <hubby2k@hotmail.com>  
To: <wiz@bhargavaz.net>, <qrp-l@lehigh.edu>  
Subject: [130695] Re: Small QRP receiver  
Message-ID: <3D409679.000001.58581@pentium>  
MIME-Version: 1.0  
Content-Type: Text/Plain  
Content-Transfer-Encoding: quoted-printable

Check out the SOP receiver info at <http://www.njqrp.org>  
Also look over the Neophyte receiver at <http://www.arrl.org/tis/info/pdf/28814.pdf>  
73 - Mike WA8BXN

-----  
Date: Thu, 25 Jul 2002 20:33:53 -0400  
From: "Ken Simpson, W8EK" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [130696] Need hard drive for laptop computer  
Message-ID: <046901c2343c\$22632440\$01d2d143@toshiba>

Has anyone upgraded their notebook computer, and have an extra hard  
drive?

I want to try to set up PSK31, packet, etc. using a Linux system, and try to get away from Micro\$oft. The best way to do this seems to have a separate hard drive for each operating system. That way there is no possibility of the two systems conflicting with each other.

As a result, I am in need of a 2 1/2 inch, 9.5 mm high (the standard for notebooks these days) in about a 15 G or 20 G size. Anyone have one like would like to sell?

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-mail to W8EK@fdt.net or W8EK@arrl.net  
Voice Phone (352) 732-8400

-----  
Date: Fri, 26 Jul 2002 00:34:53 +0000  
From: Arthur Moe <kb7ww@easystreet.com>  
To: blinn@smgazette.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [130697] Re: OT - 2 meter yagi  
Message-ID: <3D40992D.59AA6CD@easystreet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Is this what you are looking for ??

<http://www.clarc.org/Articles/uhf.htm>

Art  
KB7WW

blinn wrote:

>

> Just spent two hours searching the IE for a 2 meter yagi design I found  
> previously. Didn't print the info because the printer was out of whack...

> now, I can't locate it.  
>  
> It was three elements with a unique driven element, unique in that it is  
> folded on one half. Perhaps someone on the list is familiar with this  
> design and can direct me to the information?  
>  
> Thanks,  
>  
> Bill - WA7TQK  
>  
> ---  
> Outgoing mail is certified Virus Free.  
> Checked by AVG anti-virus system (<http://www.grisoft.com>).  
> Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02  
>  
> --  
>

-----  
Date: Thu, 25 Jul 2002 20:35:24 -0400 (EDT)  
From: Chris Cartwright <[ccart@phideaux.com](mailto:ccart@phideaux.com)>  
To: blinn <[blinn@smgazette.com](mailto:blinn@smgazette.com)>  
Cc: Low Power Amateur Radio Discussion <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [130698] Re: OT - 2 meter yagi  
Message-ID: <Pine.LNX.4.33.0207252026500.15889-1000000@dns.phideaux.com.>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 2002, blinn wrote:

> It was three elements with a unique driven element, unique in that it is  
> folded on one half. Perhaps someone on the list is familiar with this

Bill,

I've build a few of these and they do work! I used coated clothesline wire as it holds it's shape and most importantly is cheap:) I can't find the original site I got the info from, but here one that has spec's for 902Mhz, obviously you'll have to scale it up. And the 1/2" spacing they show on the DE was 1" on 2M ones I built.

<http://www.fredspinner.com/W0FMS/CheapYagi/902vjbcy.html>

-- Chris Cartwright, Unix Administrator | [ccart@phideaux.com](mailto:ccart@phideaux.com) --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Oxford, PA 19363 FM29as --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --



-----  
Date: Thu, 25 Jul 2002 19:38:55 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <K5BDZ@aol.com>  
Cc: <qrp-1@lehigh.edu>  
Subject: [130699] Austin Summerfest Ham Convention QRP forum in Butch Cassidy Room at 11 AM., Red Lion Hotel.  
Message-ID: <01b601c2343c\$d2bb2f40\$4e100a0a@rohredt2000>

maps, convention full schedule, and registration info on the Summerfest Convention link at web site <repeater.org>

QRP dinner Fri. nite, no host Lone Star Cafe, Lincoln Center across IH 35 west of Red Lion Hotel, enter off Middle Fiskville Rd., after turning onto that road from the extension of Hwy 290 after crossing IH 35. Since the last time we used the Red Lion they have built half of a cloverleaf interchange for 290 and 35, so be careful of the road you get on.  
72, Stuart K5KVH

-----  
Date: Thu, 25 Jul 2002 17:42:18 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: "Chetan Bhargava" <wiz@bhargavaz.net>  
Subject: [130700] Re: Small QRP receiver...Don't forget the MRX  
Message-ID: <00c901c2343d\$4bea7060\$f993b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Another good starter Receiver is the MRX. Very small part count and I think that many of us who have built SMK-1's (MRX + Tuna Tin 2) will admit that this little design works pretty good for such a small parts count. Here are the PDF files from the ARRL:

<http://www.arrl.org/tis/info/pdf/99759.pdf>

and if you want to scale it for 80 meters instead of 40 meters:

<http://www.arrl.org/tis/info/pdf/0105098.pdf>

Good Luck on attaining your ticket!

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Mike WA8BXN <hubby2k@hotmail.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, July 25, 2002 5:23 PM

Subject: Re: Small QRP receiver

> Check out the SOP receiver info at <http://www.njqrp.org>

> Also look over the Neophyte receiver at <http://www.arrl>

> [org/tis/info/pdf/28814.pdf](http://www.arrl.org/tis/info/pdf/28814.pdf)

> 73 - Mike WA8BXN

-----  
Date: Thu, 25 Jul 2002 17:46:49 -0700 (PDT)

From: Jeff <fantbb@yahoo.com>

To: qrp qrp <qrp-l@lehigh.edu>

Subject: [130701] Re: Small QRP receiver

Message-ID: <20020726004649.49539.qmail@web20421.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Check Kanga's kits at

<http://www.bright.net/~kanga/kanga/>

Take a look at the Sudden Receiver for 20 meters!

73!

Jeff

=====

AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071

Radical FIST Member 6798, Fanatic A's fan #1

-----  
Do You Yahoo!?

Yahoo! Health - Feel better, live better  
<http://health.yahoo.com>

-----  
Date: Thu, 25 Jul 2002 18:51:59 -0600  
From: "Al Dawkins" <alk0frp@attbi.com>  
To: <qrp-1@lehigh.edu>  
Subject: [130702] Final Final Fox Log K0FRP  
Message-ID: <001501c2343e\$a5e266d0\$0500a8c0@homev3v5yzk21f>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Fox Log K0FRP July 18 2002  
Log Zulu time not local time

|      |        |     |     |      |    |
|------|--------|-----|-----|------|----|
| 0201 | N5ZE   | 579 | TX  | LEW  | 5W |
| 0202 | K3PH   | 579 | PA  | BOB  | 5W |
| 0202 | N1FN   | 599 | CO  | ET   | 5W |
| 0202 | K3IU   | 559 | KEN | RI   | 5W |
| 0204 | K5DW   | 559 | DON | TX   | 5W |
| 0205 | WA9TZE | 579 | WI  | JIM  | 5W |
| 0206 | W9XU   | 559 | WI  | LON  | 5W |
| 0206 | K8CV   | 559 | MI  | WALT | 5W |
| 0207 | N4ROA  | 579 | VA  | DAN  | 5W |
| 0208 | N9IJ   | 589 | IL  | LEN  | 5W |
| 0208 | AA50   | 579 | LA  | VERN | 5W |
| 0209 | NK6A   | 559 | CA  | DON  | 5W |
| 0209 | KJ0C   | 599 | MO  | JIM  | 5W |
| 0210 | K4GT   | 559 | GA  | JIM  | 5W |

|               |        |     |     |          |         |
|---------------|--------|-----|-----|----------|---------|
| 0210          | NK9G   | 559 | WI  | RICK     | 5W      |
| 0211<br>5W    | AA4LR  | 579 | GA  | BILL     |         |
| 0212          | KB7WW  | 599 | OR  | ART      | 5W      |
| 0212          | N9NE   | 599 | WI  | TOM      | 100mW   |
| 0213          | K8HJ   | 559 | MI  | JOHN     | 4W      |
| 0214          | VE6EX  | 559 | AB  | DAN      | 5W      |
| 0215          | WE9K   | 559 | WI  | GLEN     | 5W      |
| 0215          | K4FB   | 579 | FL  | PAUL     | 5W      |
| 0216          | VE4WI  | 559 | MB  | CRAIG5W  |         |
| 2017          | K4MF   | 579 | FL  | GARY     | 5W      |
| 0217          | W5USJ  | 559 | TX  | CHUCK5W  |         |
| 0218          | WB8RCR | 599 | MI  | JOHN     | 3W      |
| 0219          | K5TR   | 579 | TX  | GEO      | 1W      |
| 0219          | K4TJD  | 599 | GA  | TOM      | 5W      |
| 0219          | W9HL   | 559 | IL  | RANDY5W  |         |
| 0221          | K9IUA  |     | 599 | IA       | KEVIN5W |
| 0221<br>5W    | VE3FAL | 599 | ON  | FRED     |         |
| 0222<br>500MW | KB9YIG | 559 | IN  | TONY     |         |
| 0223          | K3ESE  | 599 | MD  | FLOYD5W  |         |
| 0224<br>5W    | AB9CA  | 559 | AL  | DAVE     |         |
| 0225          | W0CH   | 579 | MO  | DAVE     | 5W      |
| 0225          | N4DD   | 559 | TN  | DENNIS5W |         |

|            |       |        |     |    |         |    |
|------------|-------|--------|-----|----|---------|----|
| 0227       |       | KG4FSN | 559 | FL | JUAN    | 5W |
| 0227<br>5W |       | N3XRV  | 579 | PA | CHRIS   |    |
| 0227       | K9UT  |        | 559 | IN | JERRY5W |    |
| 0228       | N0IT  |        | 599 | MO | Dave    | 5w |
| 0229<br>5W |       | VA6RF  | 559 | AB | EARL    |    |
| 0230       |       | N1WPU  | 549 | ME | TED     | 5W |
| 0231       | K0DQ  |        | 579 | IN | SCOTT5W |    |
| 0232       |       | K5E0A  | 559 | LA | WAYNE5W |    |
| 0232       | K5LN  |        | 559 | TX | BILL    | 5W |
| 0233       | N5IB  |        | 579 | LA | JIM     | 5W |
| 0234       | K9DC  |        | 559 | IN | DAVE    | 5W |
| 0234       | AJ4AY |        | 579 | AR | JAY     | 5W |
| 0235       |       | KG4CHX | 599 | NC | TIM     | 5W |
| 0236       |       | N7BVY  | 599 | OR | STEVE5W |    |
| 0238       | KI0RB |        | 599 | CO | VINCE5W |    |
| 0238       |       | KC6CYN | 559 | CA | TREV    | 5W |
| 0239<br>5W |       | W9AYG  | 579 | WI | FRED    |    |
| 0241       |       | KF4FPP | 559 | GA | CHUCK5W |    |
| 0241       | N0UR  |        | 579 | MN | JIM     | 5W |
| 0242<br>5W |       | N0HRL  | 559 | MN | KEN     |    |
| 0242       | KZ5J  |        | 599 | TX | PAT     | 5W |
| 0244<br>1W |       | KC1FB  | 559 | CT | JIM     |    |

|              |        |          |     |    |          |    |
|--------------|--------|----------|-----|----|----------|----|
| 0246         |        | VE5RC/W7 | 559 | MT | BRUCE5W  |    |
| 0251         | AG0T   |          | 559 | ND | TODD     | 4W |
| 0256         | W5YR   |          | 579 | TX | GEORGE5W |    |
| 0256         | KV2X   |          | 579 | NY | TOM      | 5w |
| 0258         | K8DD   |          | 559 | MI | HANK     | 5W |
| 0303         | KI0II  |          | 559 | CO | RON      | 1W |
| 0309         | K5SR   |          | 559 | TX | DAVE     | 5W |
| 0309         | K5JHP  |          | 559 | TX | BILL     | 5W |
| 0310         | W5TB   |          | 559 | TX | DOC      | 5W |
| 0319         | NM5M   |          | 579 | TX | ERIC     | 5W |
| 0326         | N3BJ   |          | 579 | VA | ALAN     | 5W |
| 0331<br>dupe | WA8BXN |          | 559 | OH | MIKE     | 5W |
| 0333         | N7BVY  |          | 579 | WA | STEVE5W  |    |
| 0341         | W3KC   |          | 579 | MD | CHAS     | 1W |
| 0342         | AD6JV  |          | 559 | CA | BILL     | 5W |
| 0342         | AK7D   |          | 579 | OR | FRED     | 5W |
| 0353         | N9WW/1 |          | 559 | ME | JIM      | 5W |

Hot and heavy first 30 min 41 q's

2nd 30 min 21 q's

3rd 30 min 06 q'w

4th 20 min 06 q's

Al K0FRP

Aurora Colorado

-----  
Date: Thu, 25 Jul 2002 20:53:11 -0400  
From: "Alex Turner" <aturner13@triad.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130703] Use of of Fiberglass masts  
Message-ID: <002801c2343e\$d0e85920\$be611e01@triad.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Has anyone used one of the extending masts in a semi-permanent installation. I am in an antenna restricted area, but I can get by with something that is no higher than 20 or so feet. I have one of the MFJ masts and I can see it as a support for a light weight beam or as a dipole support. I just wonder if it were left up for a couple of months at a time what would happen to it from weathering. Also, is PVC of the same height usable. Because of physical limitations, mine not the products, I need something that is fairly light and easy to handle and easy to guy. Thanks in advanced.

Alex N4BYJ

"Getting old ain't for sissies"

-----  
Date: Thu, 25 Jul 2002 21:03:46 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: QRP-L <qrp-l@lehigh.edu>, Foxii <qfox@egroups.com>

Subject: [130704] Fox- Need alternate for K4FB tonight  
Message-ID: <3D409FF2.5793C8E@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

We're still in the middle of severe thunderstorms here tonight. LOTS of lightning.

I'm not going to risk it. Need an alternate for the hunt tonight.

Paul K4FB

-----  
Date: Fri, 26 Jul 2002 01:06:41 +0100  
From: "Walt Amos" <k8cv@netzero.net>  
To: "Messages Qrp-L" <qrp-l@lehigh.edu>  
Subject: [130705] FREE code practice program .....  
Message-ID: <004c01c23438\$52610c60\$589e9840@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

<http://www.kent-engineers.com/morseKEYindex.com>

Walt K8CV Royal Oak, MI.

-----  
Introducing NetZero Long Distance  
Unlimited Long Distance only \$29.95/ month!  
Sign Up Today! [www.netzerolongdistance.com](http://www.netzerolongdistance.com)

-----  
Date: Thu, 25 Jul 2002 21:13:33 -0400 (EDT)  
From: Doug Faunt N6TQS +1-510-655-8604 <faunt@panix.com>  
To: WD8CIV@worldnet.att.net  
Cc: qrp-l@lehigh.edu  
Subject: [130706] Re: [130680] RE: Metric Time?  
Message-ID: <200207260113.g6Q1DXh23831@panix3.panix.com>

Date: Thu, 25 Jul 2002 18:27:17 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>



At 07:59 PM 7/24/2002 -0400, you wrote:

>Well I do know that in order to convert pliers to Metric you first have to  
>use Multi-Pliers!

A friend of mine used to sell tools at Sears. A guy came in one day asking for a metric Crescent wrench. My friend, thinking it was a gag, asked why he needed it. The guy had an imported car with metric hardware, but the only Crescent wrench he owned was a 6 inch one, which he showed to my friend. Right there on the handle it said "6 inch."

My friend told him to stop and think about it for a minute. The guy did, then realized what he was doing and left.

Dave

On the other hand, I've seen a 150mm adjustable wrench, but then I travel a lot.

73, doug

-----  
Date: Thu, 25 Jul 2002 18:13:31 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <aturner13@triad.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130707] Re: Use of of Fiberglass masts  
Message-ID: <011901c23441\$a489fc0\$f993b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Alex,

If 20' is your limit, I'd think of maybe building a St Louis Vertical. I've never built one, but have been thinking about it lately. I'm sure that you could get some comments on the SLV from some of the gang on the list. I've been thinking about trying one as well, so I'd love to hear from some of you guys that have built them. The plans can be found at the NORCAL site at:

<http://www.fix.net/~jparker/slv.html>

Good Luck and let us know what you come up with...

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Alex Turner <aturner13@triad.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, July 25, 2002 5:53 PM  
Subject: Use of of Fiberglass masts

> Has anyone used one of the extending masts in a semi-permanent  
installation.  
> I am in an antenna restricted area, but I can get by with something  
that is  
> no higher than 20 or so feet. I have one of the MFJ masts and I can  
see it  
> as a support for a light weight beam or as a dipole support.  
> I just wonder if it were left up for a couple of months at a time what  
would  
> happen to it from weathering.  
> Also, is PVC of the same height usable. Because of physical  
limitations, mine  
> not the products, I need something that is fairly light and easy to  
handle  
> and easy to guy.  
> Thanks in advanced.  
>  
> Alex N4BYJ  
>  
> "Getting old ain't for sissies"  
>  
>

-----  
Date: Thu, 25 Jul 2002 21:23:05 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <aturner13@triad.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130708] Re: Use of of Fiberglass masts  
Message-ID: <001501c23442\$fff7a1e0\$0300a8c0@charter.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Has anyone used one of the extending masts in a semi-permanent installation.  
> I am in an antenna restricted area, but I can get by with something that is  
> no higher than 20 or so feet. I have one of the MFJ masts and I can see it  
> as a support for a light weight beam or as a dipole support.  
> I just wonder if it were left up for a couple of months at a time what would  
> happen to it from weathering.  
> Also, is PVC of the same height usable. Because of physical limitations, mine  
> not the products, I need something that is fairly light and easy to handle  
> and easy to guy.  
> Thanks in advanced.  
>  
> Alex N4BYJ

You could also use it to put the center of dipole up. Just stick something up that LOOKS like a weather station. Then you need two guy wires right? So what if the guys go off to trees, and the guys just happen to have a center insulator. And what's that twinlead coming down from your weather station.....

Mike

-----  
Date: Thu, 25 Jul 2002 18:30:33 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <pwomble1@tampabay.rr.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130709] Re: Fox- Need alternate for K4FB tonight  
Message-ID: <015b01c23444\$0993d920\$f993b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry to hear that Paul! Better safe than sorry though. Any takers on an alternate or is this going to be a single FOXII night???

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Thursday, July 25, 2002 6:03 PM  
Subject: Fox- Need alternate for K4FB tonight

> We're still in the middle of severe thunderstorms here tonight. LOTS  
of  
> lightning.  
>  
> I'm not going to risk it. Need an alternate for the hunt tonight.  
>  
> Paul K4FB  
>

-----  
Date: Thu, 25 Jul 2002 21:45:35 -0400  
From: Donn Kuse <casey.jay@gte.net>  
To: elecrafft@mailman.qth.net,  
Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [130710] Re: Rarities  
Message-ID: <3D40A9BF.3BB4CBB2@gte.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Want to thank everyone who responded to my question on the callsign 5K0Z  
(which I had wrong as 5KZZ). I wasn't sure of the call, even when I  
had requested them to repeat it. I even listened a good 20 minutes  
after and when they changed ops, I thought it was 5KZZ. Now, to get a  
QSL card out of it

I guess I'll send it directly to the QSL manager DH7WW. I imagine  
they'll be deluged with QSL cards. Would IRC's be appropriate to send  
along? Haven't used them for a long time.

Tnx, agn

72/73 Donn, WB4ZWT

67 and still learning

-----

Date: Thu, 25 Jul 2002 21:47:42 -0400  
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130711] RE: Use of of Fiberglass masts  
Message-ID: <ODE0IKLMAJFGCNMOGAGIMEFKCCAA.bowerm@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Alex, the problem I always had with my mast being "permanent" was caused by the wind. The wind would blow up and blow it back and forth. This back and forth motion would cause one section to collapse into the section below (as if you were taking it down). If it was a higher section, it would start a cascading affect and the whole thing would come down to a collapsed state.

I supposed you could put a bolt through each section but that would (I assume) affect the strength of the fiberglass.

Good luck.

Michael N4NMR

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Alex Turner  
Sent: Thursday, July 25, 2002 8:53 PM  
To: Low Power Amateur Radio Discussion  
Subject: Use of of Fiberglass masts

Has anyone used one of the extending masts in a semi-permanent installation. I am in an antenna restricted area, but I can get by with something that is no higher than 20 or so feet. I have one of the MFJ masts and I can see it as a support for a light weight beam or as a dipole support. I just wonder if it were left up for a couple of months at a time what would happen to it from weathering. Also, is PVC of the same height usable. Because of physical limitations, mine not the products, I need something that is fairly light and easy to handle and easy to guy. Thanks in advanced.

Alex N4BYJ

"Getting old ain't for sissies"

-----  
Date: Thu, 25 Jul 2002 21:49:39 -0400 (EDT)  
From: Stephan Greene <sgreene@patriot.net>  
To: Alex Turner <aturner13@triad.rr.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130712] Re: Use of of Fiberglass masts  
Message-ID: <Pine.LNX.4.44.0207252140390.32448-1000000@tzion.greene.lan>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 25 Jul 2002, Alex Turner wrote:

> Has anyone used one of the extending masts in a semi-permanent  
> installation. I am in an antenna restricted area, but I can get by with  
> something that is no higher than 20 or so feet. I have one of the MFJ  
> masts and I can see it as a support for a light weight beam or as a  
> dipole support. I just wonder if it were left up for a couple of months  
> at a time what would happen to it from weathering. Also, is PVC of the  
> same height usable. Because of physical limitations, mine not the  
> products, I need something that is fairly light and easy to handle and  
> easy to guy. Thanks in advanced.

I've built a 20' PVC mast; it must be guyed and it is neither low-profile  
or easy to put up quickly (take down can be REAL easy). If you can leave  
it up, it'll work and it's cheap. One of the local ops tried a 30' PVC  
pole for Field Day; it could not be walked up and we left it at 20' as an  
inverted-v support. Another option might be to use a 10' length of tv  
mast for the top section and PVC for no more than the first 20'.

Paint poles are much sturdier, and can be erected and lowered quickly. I  
have a 24' 3-section pole I've used as a support for a homemade  
"Buddipole". At full extension, it was a bit unsteady; nesting the  
sections (especially the top one) a few feet gave me much better  
stability. A few minutes with a drill and some bolts should allow you  
to pin the sections and not rely on the twist grips to keep it  
extended. The only disadvantage is using 8' sections requires a step  
ladder to extend the upper sections. The bottom section appears to be  
fiberglass, the top two are aluminum.

I have not tried either of these in other than temporary installations.

Good luck

73 Steve KS1G

-----  
Stephan A. Greene      sgreene@patriot.net      ks1g@amsat.org  
-----

-----  
Date: Thu, 25 Jul 2002 21:54:02 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>  
Subject: [130713] Fox- K4FB replacement  
Message-ID: <3D40ABBA.49E1C680@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

K0EVZ will be pinch hitting for me tonight.

Thanks Doc!

Now if this lightning will quit so I can work 'em!

Paul K4FB

-----  
Date: Thu, 25 Jul 2002 22:03:42 -0400  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: kg6cyn@earthlink.net,  
    "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130714] Re: Fox- Need alternate for K4FB tonight  
Message-ID: <5.1.0.14.2.20020725220326.00a07540@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Seems to me that's a natural cause!  
Going to make it tough to get a sweep tonight!

At 7/25/02 06:30 PM -0700, Trevor Jacobs wrote:  
>Sorry to hear that Paul! Better safe than sorry though. Any takers on an  
>alternate or is this going to be a single FOXII night???  
>  
>73's Trev KG6CYN  
><http://home.earthlink.net/~kg6cyn>  
><http://www.qsl.net/kg6cyn>  
>

>----- Original Message -----

>From: Paul Womble <pwomble1@tampabay.rr.com>

>To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>Sent: Thursday, July 25, 2002 6:03 PM

>Subject: Fox- Need alternate for K4FB tonight

>

>

> > We're still in the middle of severe thunderstorms here tonight. LOTS

>of

> > lightning.

> >

> > I'm not going to risk it. Need an alternate for the hunt tonight.

> >

> > Paul K4FB

> >

\*/ Hank Kohl K8DD k8dd@arrl.net

\*/ ARRL TS <http://www.qsl.net/k8dd>

\*/ MI-QRP - Vice Pres. QRP-ARCI - Director

\*/

If God intended you to be on single sideband, he would have given you only one nostril.

- Steve, K2PTS

-----

Date: Thu, 25 Jul 2002 22:16:24 -0400

From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>

To: DDORN@cwis.net

Cc: qrp-1@lehigh.edu

Subject: [130715] Re: 2SC1969 TRANSISTORS

Message-ID: <5.1.0.14.1.20020725221519.00a62630@pop.prodigy.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

At 11:30 AM 7/25/02 -0500, you wrote:

>Anybody know who is selling the 2SC 1969 now? Mouser no longer lists them

>and instead is selling the NTE equivalent at more than ten bucks each.

>73,

>Don K5AAR

Try Consolidated Electronics in Dayton. Don't remember their URL, or 1-800 number, but a google search will find those easily.

72 and GL,



Jim, K8IQY

-----  
Date: Thu, 25 Jul 2002 23:33:44 -0400 (EDT)  
From: <n2go@arrl.net>  
To: "Jim Kortge, K8IQY" <jokortge@prodigy.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130716] Re: 2SC1969 TRANSISTORS  
Message-ID: <Pine.LNX.4.33.0207252332230.698-1000000@valhalla.v>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

You might consider a 2sc2078 sub. you can get 10 for \$8.50

<http://www.ceitron.com/semi/semi.phtml?part=2sc1969>

73,

Jim n2go

-----  
Date: Thu, 25 Jul 2002 22:42:26 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>  
Subject: [130717] Fox- NOUR spot  
Message-ID: <3D40B712.FF29EDFF@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Jim is LOUD on 14.055.

Paul K4FB

-----  
Date: Thu, 25 Jul 2002 19:39:35 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [130718] Screwed up my exchange with DOC!!!!  
Message-ID: <01a201c2344d\$a63d6e0\$f993b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Man I tell you Doc is one heck of a good CW op, and lightning fast too!  
I'd been listening and waiting to pounce for about 30 minutes and he  
finally heard me! Woo Hoo...and the I guess the adrenaline kicked in or  
something as I really botched the exchange, Hi! Hope you got it DOC, and  
BTW I've got you recorded for the web site tonight. Boy this is fun!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 25 Jul 2002 22:47:03 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>  
Subject: [130719] Fox- K0EVZ spot  
Message-ID: <3D40B827.DD43EC7D@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Doc is on 14.059 with a nice signal here between static crashes ;-)

Paul K4FB

-----  
Date: Thu, 25 Jul 2002 22:45:00 -0400  
From: "Michael Bower N4NMR" <bowerm@ix.netcom.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130720] FS: kits + misc  
Message-ID: <ODE0IKLMAJFGCNMOGAGIGEFMCCAA.bowerm@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

(Does anybody else have trouble selling kits they've acquired? Sort of like selling one of your children. Really don't want to do it. (But then I've got a couple of teenagers I'd trade for a K2 at times <grin>.)

All kits unbuilt.

I have the following for sale:

- 1) Fireball 40 Transmitter kit with Fireball 40 Amp - asking \$25.
- 2) Fireball 40 Transmitter kit with Fireball 40 Amp - asking \$25.
- 3) SMK-1 Enclosure kit - asking \$15.

Shipping included CONUS.

Checks ok.

PayPal ok - add \$2 to the price. (I'm feel like I'm getting ripped off by PayPal.)

Michael Bower N4NMR

-----  
Date: Thu, 25 Jul 2002 19:57:04 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130721] N0UR FOX  
Message-ID: <01b401c23450\$1fa796a0\$f993b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hey Guys,

Man Jim is WAY strong into SoCal right now on 14.055 listening up with no takers...go get him!!!!

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 25 Jul 2002 23:05:24 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: QRP-L <qrp-l@lehigh.edu>, FP List <fpqrp-l@mpna.com>  
Subject: [130722] Fox- quick report from K0EVZ  
Message-ID: <3D40BC74.68EACAEC@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I am experiencing heavy QRN here, but staying on the air thus far. I have logged 44 QSOes as of 0253.....so hope there will be others before tonite's hunt ends. Thanks es 73, --Doc/K0EVZ.

-----  
Date: Thu, 25 Jul 2002 23:03:17 EDT  
From: WE7X@aol.com  
To: aturner13@triad.rr.com, qrp-l@lehigh.edu  
Subject: [130723] Re: Use of of Fiberglass masts  
Message-ID: <104.19166eba.2a7215f5@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I've seen fiberglass and aluminum Painters Poles which telescoped to 20+ feet in the Home Improvement stores. They double as window washing poles too, so it could be considered a necessary item around the home :) My windows get washed once a year whether they need it or not, but the three section aluminum pole, which is about 22 feet extended, goes lots of places during the rest of the year.

Rod Johnson  
WE7X

-----  
Date: Thu, 25 Jul 2002 23:16:44 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: "QRP" <qrp-l@lehigh.edu>  
Subject: [130724] FOX -- Weird conditions tonight  
Message-ID: <20020726031815.WWMH10252.imf00bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Well, I worked Jim. I think. Hard to tell between all the static crashes.

I heard Doc, he was just clear above the noise, he called me back and then completely disappeared afterwards.

Conditions were really strange. Here in GA, I could only hear Jim or Doc by beaming SouthEast! Beaming to the NorthWest had them both lost in the noise.

This has not been such a great Fox season so far....

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 25 Jul 2002 22:15:34 -0500  
From: "Lynn Geitgey" <lgeitgey@kumc.edu>  
To: <qrp-1@lehigh.edu>, <k8cv@netzero.net>  
Subject: [130725] Re: FREE code practice program .....  
Message-ID: <sd407897.052@gatedo.kumc.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Disposition: inline

Walt,

You made a typo... Nobody's perfect! The correct URL is:  
<http://www.kent-engineers.com/morseKEYindex.htm>

>>> "Walt Amos" <k8cv@netzero.net> 07/25/02 07:06PM >>>  
<http://www.kent-engineers.com/morseKEYindex.com=20>

Walt K8CV Royal Oak, MI.

-----  
Introducing NetZero Long Distance  
Unlimited Long Distance only \$29.95/ month!  
Sign Up Today! [www.netzerolongdistance.com](http://www.netzerolongdistance.com)

-----  
Date: Thu, 25 Jul 2002 23:27:29 -0400  
From: "John Paul Keon" <jpkeon@nc.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130726] Fox  
Message-ID: <014f01c23454\$5fa45e60\$6401a8c0@nc.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Just worked Jim, and he was 549 in NC on a wire up  
about 25 feet and in the middle of these storms in NC  
and the crashes.

GL to all.

John Paul, Raleigh, NC [AB4PP]

<http://www.knightlites.org>

-----  
Date: Thu, 25 Jul 2002 19:28:58 -0800  
From: Jim Larsen - AL7FS <AL7FS@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130727] Re: Fox- quick report from K0EVZ  
Message-ID: <3D40C1FA.82892839@ARRL.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Doc is ESP levels in Alaska. Maybe he will change antennas at some point.  
I worked N0UR just fine and our fellow QRPer at 500W in WI came through  
loud and clear. :-)

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094  
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

Paul Womble wrote:

>  
> I am experiencing heavy QRN here, but staying on the air thus far. I  
> have logged 44 QSOes as of 0253.....so hope there will be others  
> before tonite's hunt ends. Thanks es 73, --Doc/K0EVZ.

-----  
Date: Thu, 25 Jul 2002 23:35:50 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <w2agn@w2agn.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130728] Re: OT: ARRL Section News  
Message-ID: <20020726033721.CQSE1185.imf02bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 7/23/02 1:21 PM, W2AGN at w2agn@w2agn.net wrote:

>I find it interesting that the ARRL BOD met July 19-20 to "vote" on moving  
>Section News and Contest line scores to the Web. However, in their own  
>news release, they say  
>the web sites are "already in place." It does make one wonder what was the  
>point of the vote, if it was already decided?

The BOD decided this earlier, but on an outcry from the contest  
community, they decided to table it for a few months.

The ARRL did put the contest results web pages in place. (And they are  
AWESOME!)

So, it appears the BOD is now officially going ahead with the approved  
plan.

>Also, what is to be done with the additional space in QST?

Ahem. Originally, it was to be done to save costs. Now the additional  
space will apparently be used for other articles....

> Any bets it will be used for advertising?

Likely.

>How about expanding "QRP Power?"

Don't hold your breath....

>That \$181,000 grant from the government for Emergency Communication...will

>the members be told what it is being spent for?

Why, wild parties and perks for the Directors, of course.... <grin>

--

Seriously, though, the League may have made a mistake in dissing the contest community. I know, theres a bunch of folks out there who could care less about contesting. But contestors are very active operators, and they buy lots of the latest equipment, build big stations, etc.

If lots of contestors pull out of the ARRL, then the ad rates for those additional ad pages will go down.....

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 25 Jul 2002 22:42:26 -0500  
From: "wilford lindsey" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [130729] FOX K0EVZ = 18 mins left [g]  
Message-ID: <412002752634226533@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Conditions are really rough, but have been logging steadily. It's not too late to give it a try.

GL es 73,  
--Doc/K0EVZ

--- wilford lindsey  
--- dock0evz@earthlink.net  
--- EarthLink: The #1 provider of the Real Internet.

-----



Date: Thu, 25 Jul 2002 21:50:48 -0600  
From: "Rod N0RC" <rod@n0rc.us>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130730] FOX: neither heard in CO...  
Message-ID: <00d501c23457\$a1a63a60\$6501a8c0@greyrock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

... the band is very long at 0345. Judging from the NCDXF beacons I estimate the skip zone to be about 900 or more miles. I can hear New York but not California. Hawaii is quite loud as are many of the European beacons.

Oh well, that's 20m in the summer!

73, Rod N0RC

-----  
Date: Thu, 25 Jul 2002 22:52:03 -0500  
From: Lew Paceley <lew@paceley.com>  
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Cc: lew@paceley.com  
Subject: [130731] Re: Use of of Fiberglass masts (LONG)  
Message-ID: <000d01c23457\$cdf3c7e0\$6501a8c0@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=Windows-1252  
Content-transfer-encoding: 7BIT

Hi Alex,  
I recently put up a SD-20 fiberglass pole supported antenna for full-time use. To address the "collapses when the wind blows" problem I just used 5min. epoxy to seal the joint of each section. This also keeps water out of the joints. With the low cost of the pole and the fact that it can be easily handled by 1 person from the end, SD-20 antennas are pretty easy to just put up and leave. Mine has been up since early June in the hot Texas sun and a bunch of storms. Although it's too early to draw much of a conclusion, I can report that the pole is not showing any signs of wear or stress.

I used a small section (about 2.5 feet) of 1.25" Sched 40 PVC to provide a base to hold the pole. If you sweat the end cap off of the SD-20 with a hair dryer you'll find that just a couple of wraps of duct tape about a foot apart will provide a good friction fit in the 1.25" Sched. 40 PVC pipe. I U-bolted the PVC pipe to a vertical section of 2x4 that was weatherproofed. The 2x4 support is attached to the crossbeam of a wooden trellis at the 8' foot mark with lag bolts. This puts the pole up close to 28' at the tip.

BTW, I would never try to use Sched. 40 PVC pipe for any self-supporting pole longer than 10'...in my experience it's just too flexible. I have used a 10' Sched. 40 PVC pipe for the base of an antenna for the pickup (with guy ropes) and if you're interested you can check it out at [http://www.angelfire.com/tx4/netxqrpclub/projects/bubba\\_pole.html](http://www.angelfire.com/tx4/netxqrpclub/projects/bubba_pole.html)

I use my SD-20 pole to support a 99' foot wire in an inverted L type configuration with a 17' counterpoise (soon to add a 33' foot). The wire leaves my tuner in my shack, goes up the pole, through the eyelet and then horizontally to a tree. Keep in mind that any heavy mass at the end of pole is going to be moved around quite a bit by the wind. I use #24 wire for "low visual impact" and because it doesn't load the tip of the pole too much.

Performance-wise all I can say is that I've been pretty satisfied. I'm generally QRP DXing so don't believe that the 599s reports in the far right column below are necessarily real ;-). Recent DX contacts from the log are:

|      |          |     |             |                             |
|------|----------|-----|-------------|-----------------------------|
| 7/6  | 5W0TR    | 15m | CW          | 599/599                     |
| 7/6  | 5W0TR    | 20m | CW          | 599/599                     |
| 7/7  | XQ1ZW    | 30m | CW          | 579/599                     |
| 7/7  | EA4BL    | 20m | CW          | 589/559                     |
| 7/7  | P40C     | 15m | CW          | 599/599                     |
| 7/7  | TI2LC    | 10m | SSB (10-X!) | 58/53-55                    |
| 7/8  | T08CW    | 30m | CW          | 599/599                     |
| 7/8  | OH0/K6NA | 20m | CW          | 599/599                     |
| 7/9  | J75KG    | 20m | CW          | 599/599                     |
| 7/12 | J79MM    | 30m | CW          | 599/599                     |
| 7/12 | HP1XBU   | 17m | CW          | 599/559                     |
| 7/15 | FR5FD    | 20m | CW          | 559/579 (Country #100 QRP!) |

If you're interested I'll try and take a couple of digital photos which I can email to you. A picture is worth a thousand words.

The best advice I can give you is to just give it a whirl...you spend more than \$20 going to the movies these days!

72/73,  
\*Lew\*  
N5ZE

-----  
Date: Fri, 26 Jul 2002 03:59:47 +0100  
From: Chuck Adams <k7qo@earthlink.net>  
To: qrp-l@lehigh.edu  
Subject: [130732] First Rock-Mite QSO in the book  
Message-ID: <5.1.0.14.0.20020726034915.009f1220@mail.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

It wasn't easy but we did it.

At 0316UTC I called CQ on 7.042MHz with the Rock-Mite and George, K5TR, in Johnson City, TX came back to me. July 26th, 2002 is the date UTC..... It was my first CQ for the evening as I over slept after playing golf all afternoon in the heat and taking a nap after I got home.... :-)

He was 599 but he was zero beat with the receiver or pretty close. We had to try back and forth to find the right transmit frequency for him to be where I could copy and he finally did it.

Another problem occurred at the same time. Downstairs, Phyllis fired up a hair-dryer, a curling iron, and a set of heated curlers at the same time. The noise level was horrendous!! She was kind enough to turn them off for the 15 min QSO. She is going with me to Ft Tuthill tomorrow to see Doug and the crew and hopefully JayBob from AR.

But thanks to George's patience we made it and had a nice QSO. He was using a yagi at 100' for transmit and a Beverage antenna for receive due to QRN near him that was killing his receive capabilities on the yagi. And I was using the 80 meter vee-beam pointed just to the north of him. So the antennas helped.

My little C-routine calculates the distance to be 869 miles from County Seat to County Seat for 3,476 miles per watt. So the first bench mark has been set and my job is to now

work hard and furious to further the distance worked.  
I'll put the program on the web site later after Ft Tuthill.  
It involves some simple spherical trig identities.

So back to the paddle and hope to work you on the air.  
If I don't come back, try moving your transmit frequency  
and as soon as we get more data we'll have a way for  
every one to know how to get into the pass band of  
the receiver front end.

dit dit es FYI,

Chuck Adams, K7QO CP-60 k7qo@earthlink.net  
<http://www.qsl.net/k7qo>

Moving to Arizona? --- Bring your own water, please.

-----  
Date: Thu, 25 Jul 2002 20:57:30 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130733] FOXII Audio Clips Updated  
Message-ID: <000b01c23458\$90dca1a0\$8c9bb2d1@tjnotebook>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Got Doc and Jim recorded tonight, and have it up on the web. Check it out...

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 25 Jul 2002 23:6:27 -0500  
From: "wilford lindsey" <dock0evz@earthlink.net>  
To: "qrp-1 reflector" <qrp-1@lehigh.edu>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [130734] FOX K0EVZ = first report  
Message-ID: <41200275264627215@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Gang:

Wow, the FOX hunt just ended here. Early count is 70 pelts, and gotta tell ya--I really appreciate everyone for hanging in there. Sorry if I missed anyone. The QRN and QSB were fierce throughout.

As always, got most of the QSOes in the first half (45), but there were still some callers right at the end. Thanks everyone. Will post my log ASAP, but it will likely be a couple of days. Have my executive board coming in for our biggest meeting of the year [g].

73,

--Doc/K0EVZ

--- wilford lindsey  
--- dock0evz@earthlink.net  
--- EarthLink: The #1 provider of the Real Internet.

-----  
Date: Thu, 25 Jul 2002 23:19:03 -0500  
From: Gary Lee <kb9zuv@arrl.net>  
To: qrp-l@lehigh.edu  
Cc: blind-hams@maelstrom.edu  
Subject: [130735] first dx!!  
Message-ID: <3.0.6.32.20020725231903.007d3100@mailhost.ind.ameritech.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

20 meters seems very long tonight. Worked es4rc at 03:50 utc 07/26/2002 on 14.050 using my ts2000 turned down to 5 watts.

First ever dx! He sounded very worbley kind of like aurora.

Now I'll never get to sleep.

Gary Lee  
kb9zuv

-----  
Date: Fri, 26 Jul 2002 00:21:06 EDT  
From: RLemmel@aol.com  
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [130736] Very Untimely Truffle Report from 7/18  
Message-ID: <da.1b477b03.2a722832@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Fellow qrp fanatics,

Please excuse the lateness of this report. I did not have opportunity to post it the night I was Truffle. I then just put it aside until the Fox and Truffle action of this evening reminded me of my failure to post the log. Unfortunately the week delay made it much more difficult for me to read my scribbled log. It is offered here with all the blemishes, so just take it as it is. I promise to be more timely the next time.

Asking for a pardon, Randy,WV9N

7/18/02

|      |        |     |    |        |       |
|------|--------|-----|----|--------|-------|
| 0130 | N9NE   | 599 | WI | TODD   | 100MW |
| 0132 | WA9TZE | 579 | WI | JIM    | 5W    |
| 0133 | K4FB   | 579 | FL | PAUL   | 5W    |
| 0134 | K8CV   | 559 | MI | WALT   | 5W    |
| 0135 | NM5M   | 559 | TX | ???    | 5W    |
| 0136 | K8HJ   | 559 | MI | JOHN   | 4W    |
| 0137 | W5YR   | 559 | TX | GEORGE | 5W    |
| 0138 | KB7WW  | 599 | OR | ART    | 5W    |
| 0139 | W9HL   | 559 | IL | RANDY  | 5W    |
| 0139 | K5SR   | 559 | TX | DAVE   | 5W    |
| 0140 | WR50   | 559 | TX | DAVE   | 5W    |
| 0142 | W5USJ  | 559 | TX | CHUCK  | 5W    |
| 0143 | N9IJ   | 599 | IL | DAN    | 5W    |
| 0145 | K5ZTY  | 559 | TX | BILL   | 5W    |
| 0146 | K3ESE  | 559 | MD | LLOYD  | 5W    |
| 0149 | K9DI   | 339 | IL | WAYNE  | 5W    |
| 0151 | NN5E   | 559 | TX | VERN   | 5W    |
| 0154 | 3A6RF  | 559 | DX | ???    | 5W    |
| 0155 | W9XU   | 559 | WI | LON    | 5W    |
| 0156 | NK9G   | 559 | WI | RICK   | 5W    |
| 0157 | K4TJD  | 559 | GA | TOM    | 5W    |

|      |        |     |         |      |     |    |
|------|--------|-----|---------|------|-----|----|
| 0158 | KG4FSN | 559 | FL      | JUAN | 5W  |    |
| 0159 | K4GT   |     | 559     | GA   | JIM | 5W |
| 0159 | W5TB   |     | 599     | TX   | DOC | 5W |
| 0200 | WV9N   |     | TRUFFLE |      |     |    |

-----  
Date: Fri, 26 Jul 2002 00:24:58 -0400  
From: "Tom Curtola" <tcurtola@rogers.com>  
To: <kg6cyn@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130737] Re: UTC-TAI Time  
Message-ID: <002e01c2345c\$67806ae0\$f44a9c18@bloor.phub.net.cable.rogers.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Or, for you luddites out their try:

<http://yugop.com/ver3/stuff/03/fla.html>

Tom  
VA3TY

> Hi Gang,  
>  
> I ran accross this very hany web site, and thought that some of you  
> might find it usefull too:  
>  
> [http://www.bipm.fr/enus/5\\_Scientific/c\\_time/time\\_server.html](http://www.bipm.fr/enus/5_Scientific/c_time/time_server.html)  
>  
> It displays current UTC time through your web browser...  
>  
> 73's Trev KG6CYN  
> <http://home.earthlink.net/~kg6cyn>  
> <http://www.qsl.net/kg6cyn>  
>  
>

-----  
Date: Thu, 25 Jul 2002 23:28:11 -0500  
From: Gary Lee <kb9zuv@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [130738] no foxes

Message-ID: <3.0.6.32.20020725232811.007e82b0@mailhost.ind.ameritech.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

spent about an hour and a half scanning from 14.050 to 14.065, no foxes in east-central indiana. Heard several hounds.

Gary Lee  
kb9zuv

-----  
Date: Thu, 25 Jul 2002 21:48:42 -0700  
From: "Chetan Bhargava" <wiz@bhargavaz.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130739] Re: Small QRP receiver...Don't forget the MRX  
Message-ID: <002c01c2345f\$c185bce0\$0100a8c0@main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks Trev,

The MRX-40 is really good one. Do you know where can I get NE602/NE612 and for approximately what price? Are they available in SMT? LM386 should not be a problem.

Thanks.

Chetan

----- Original Message -----  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Cc: "Chetan Bhargava" <wiz@bhargavaz.net>  
Sent: Thursday, July 25, 2002 5:42 PM  
Subject: Re: Small QRP receiver...Don't forget the MRX

> Another good starter Receiver is the MRX. Very small part count and I  
> think that many of us who have built SMK-1's (MRX + Tuna Tin 2) will  
> admit that this little design works pretty good for such a small parts  
> count. Here are the PDF files from the ARRL:  
>  
> <http://www.arrl.org/tis/info/pdf/99759.pdf>  
>



> and if you want to scale it for 80 meters instead of 40 meters:  
>  
> <http://www.arrl.org/tis/info/pdf/0105098.pdf>  
>  
> Good Luck on attaining your ticket!  
>  
> 73's Trev KG6CYN  
> <http://home.earthlink.net/~kg6cyn>  
> <http://www.qsl.net/kg6cyn>  
>  
> ----- Original Message -----  
> From: Mike WA8BXN <hubby2k@hotmail.com>  
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
> Sent: Thursday, July 25, 2002 5:23 PM  
> Subject: Re: Small QRP receiver  
>  
>  
> > Check out the SOP receiver info at <http://www.njqrp.org>  
> > Also look over the Neophyte receiver at <http://www.arrl.org/tis/info/pdf/28814.pdf>  
> > org/tis/info/pdf/28814.pdf  
> > 73 - Mike WA8BXN  
>  
>  
>

-----  
Date: Thu, 25 Jul 2002 22:01:34 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <wiz@bhargavaz.net>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130740] Re: Small QRP receiver...Don't forget the MRX  
Message-ID: <004901c23461\$85c0c3b0\$8c9bb2d1@tjnotebook>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Chetan,

Check out Dan's Small Parts at:

<http://www.fix.net/dans.html>

He's got the SA602/SA612 in stock. These are the 8 pin DIP package. They are \$3.00 US each. Good Luck!!!

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: "Chetan Bhargava" <[wiz@bhargavaz.net](mailto:wiz@bhargavaz.net)>

To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Sent: Thursday, July 25, 2002 9:48 PM

Subject: Re: Small QRP receiver...Don't forget the MRX

> Thanks Trev,

>

> The MRX-40 is really good one. Do you know where can I get NE602/NE612 and  
> for approximately what price? Are they available in SMT? LM386 should not  
be

> a problem.

>

> Thanks.

>

> Chetan

>

> ----- Original Message -----

> From: "Trevor Jacobs" <[kg6cyn@earthlink.net](mailto:kg6cyn@earthlink.net)>

> To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

> Cc: "Chetan Bhargava" <[wiz@bhargavaz.net](mailto:wiz@bhargavaz.net)>

> Sent: Thursday, July 25, 2002 5:42 PM

> Subject: Re: Small QRP receiver...Don't forget the MRX

>

>

> > Another good starter Receiver is the MRX. Very small part count and I  
> > think that many of us who have built SMK-1's (MRX + Tuna Tin 2) will  
> > admit that this little design works pretty good for such a small parts  
> > count. Here are the PDF files from the ARRL:

> >

> > <http://www.arrl.org/tis/info/pdf/99759.pdf>

> >

> > and if you want to scale it for 80 meters instead of 40 meters:

> >

> > <http://www.arrl.org/tis/info/pdf/0105098.pdf>

> >

> > Good Luck on attaining your ticket!

> >

> > 73's Trev KG6CYN

> > <http://home.earthlink.net/~kg6cyn>

> > <http://www.qsl.net/kg6cyn>

> >

> > ----- Original Message -----

> > From: Mike WA8BXN <[hubby2k@hotmail.com](mailto:hubby2k@hotmail.com)>

> > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> > Sent: Thursday, July 25, 2002 5:23 PM  
> > Subject: Re: Small QRP receiver  
> >  
> >  
> > > Check out the SOP receiver info at <http://www.njqrp.org>  
> > > Also look over the Neophyte receiver at <http://www.arrl.org/tis/info/pdf/28814.pdf>  
> > > 73 - Mike WA8BXN  
> >  
> >  
> >  
>  
>

-----  
Date: Thu, 25 Jul 2002 22:04:49 -0700  
From: "Chetan Bhargava" <wiz@bhargavaz.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130741] Re: Small QRP receiver...Don't forget the MRX  
Message-ID: <003801c23461\$fffc1acb0\$0100a8c0@main>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks. I searched Dan's page for NE602 but didn't find any. After seeing  
you mail I did a search on 602 and found SA602 :-)

BTW I found another source 5/\$10 <http://kitsandparts.com/specials.html>

Thanks.

Chetan

----- Original Message -----

From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <wiz@bhargavaz.net>; "Low Power Amateur Radio Discussion"  
<qrp-l@Lehigh.EDU>  
Sent: Thursday, July 25, 2002 10:01 PM  
Subject: Re: Small QRP receiver...Don't forget the MRX

> Hi Chetan,  
>  
> Check out Dan's Small Parts at:

>  
> <http://www.fix.net/dans.html>  
>  
> He's got the SA602/SA612 in stock. These are the 8 pin DIP package. They  
are  
> \$3.00 US each. Good Luck!!!  
>  
> 73's Trev KG6CYN  
> <http://home.earthlink.net/~kg6cyn>  
> <http://www.qsl.net/kg6cyn>  
> ----- Original Message -----  
> From: "Chetan Bhargava" <[wiz@bhargavaz.net](mailto:wiz@bhargavaz.net)>  
> To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
> Sent: Thursday, July 25, 2002 9:48 PM  
> Subject: Re: Small QRP receiver...Don't forget the MRX  
>  
>  
> > Thanks Trev,  
> >  
> > The MRX-40 is really good one. Do you know where can I get NE602/NE612  
and  
> > for approximately what price? Are they available in SMT? LM386 should  
not  
> > be  
> > a problem.  
> >  
> > Thanks.  
> >  
> > Chetan  
> >  
> > ----- Original Message -----  
> > From: "Trevor Jacobs" <[kg6cyn@earthlink.net](mailto:kg6cyn@earthlink.net)>  
> > To: "Low Power Amateur Radio Discussion" <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>  
> > Cc: "Chetan Bhargava" <[wiz@bhargavaz.net](mailto:wiz@bhargavaz.net)>  
> > Sent: Thursday, July 25, 2002 5:42 PM  
> > Subject: Re: Small QRP receiver...Don't forget the MRX  
> >  
> >  
> > > Another good starter Receiver is the MRX. Very small part count and I  
> > > think that many of us who have built SMK-1's (MRX + Tuna Tin 2) will  
> > > admit that this little design works pretty good for such a small parts  
> > > count. Here are the PDF files from the ARRL:  
> > >  
> > > <http://www.arrl.org/tis/info/pdf/99759.pdf>  
> > >  
> > > and if you want to scale it for 80 meters instead of 40 meters:  
> > >  
> > > <http://www.arrl.org/tis/info/pdf/0105098.pdf>

> > >  
> > > Good Luck on attaining your ticket!  
> > >  
> > > 73's Trev KG6CYN  
> > > <http://home.earthlink.net/~kg6cyn>  
> > > <http://www.qsl.net/kg6cyn>  
> > >  
> > > ----- Original Message -----  
> > > From: Mike WA8BXN <hubby2k@hotmail.com>  
> > > To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> > > Sent: Thursday, July 25, 2002 5:23 PM  
> > > Subject: Re: Small QRP receiver  
> > >  
> > >  
> > > > Check out the SOP receiver info at <http://www.njqrp.org>  
> > > > Also look over the Neophyte receiver at <http://www.arrl.org/tis/info/pdf/28814.pdf>  
> > > > [org/tis/info/pdf/28814.pdf](http://www.arrl.org/tis/info/pdf/28814.pdf)  
> > > > 73 - Mike WA8BXN  
> > >  
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Date: Fri, 26 Jul 2002 00:12:33 -0500  
From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Cc: aturner13@triad.rr.com  
Subject: [130742] Re: Use of of Fiberglass masts  
Message-ID: <5.1.1.6.0.20020725221117.00a37070@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:53 PM 7/25/02 -0400, you wrote:  
>Has anyone used one of the extending masts in a semi-permanent installation.

Hello Alex,

I do not own the MFJ collapsible fiberglass pole so I can't comment first-hand on that product. But, I have used the South Bend SD-20 collapsible fiberglass fishing poles for a dozen years. Other than fading

and roughening of the finish from UV exposure, and moisture/temperature extremes, all four in my inventory are still in reasonably good shape. I definitely got my money's worth!

I rarely have a section collapse, and if it does that's because I did not twist/lock it in place properly. Individual sections can tend to bind from time-to-time after being installed for extended periods - i. e. months. I find that using a no-slip rubber pad in each hand, intended for opening tightly fitting caps on jars, usually solves that problem. In really nasty cases (left up all winter) a little spritz of WD-40 could be helpful, though I have never resorted to doing that.

One really nice feature of the SD-20 pole (and the almost identical Black Widow) is it does not need to be guyed - even with the prospect of very strong winds. The pole's profile and weight are minimal. This statement assumes the antenna assembly is terminated in a fairly hefty base mount with a long landscaping spike - about 12".

One thing to keep in mind when calculating radiators. The collapsible poles are actually about 19-1/2' fully assembled instead of the advertised 20'. Up to 6 inches are lost in overlap.

If you are going to use the pole to support a dipole/doublet there are two options. 1) build a super-light radiator or 2) drop the tip section out of the assembly for much improved rigidity. I usually use #26 magnet wire or single ribbon cable conductors for 88' - 135' radiators and #24 stranded for 66' and shorter radiators.

Heavy-duty plastic guitar picks work well for the center insulator and shirt collar buttons are fine for end insulators. Light-duty 300 ohm line or WE6W-type ribbon cable feedline does a good job. Tape the feedline at a couple of places on the pole to help control weight/movement at the tip.

RG-58 will work okay with the tip section dropped out. RG-174 is okay for the full 20' span. While preferable, I do not use a choke balun with the coax feedlines because of overhead weight/sail area considerations.

One SD-20 has been in more or less continuous use in my backyard for four years as a support for a St. Louis Express portable vertical. I took it down ten days ago to set-up a station at the St. Louis QRP Society's annual tailgate sale. Other than having to use the rubber pads to help collapse several sections of the pole there was nothing to it. The last time that pole was collapsed was probably in March of this year.

I have used pvc pipe for verticals and horizontal antenna supports. With a substantial base mount (as above), an 8' section of 1-1/4" pvc will easily support a SD-20 vertical or a lightweight doublet without guys. This assumes reasonable weather conditions and firm earth for the spike.

For a full 10' pvc section, guys are almost always required, in my experience. To hold no-stretch guys, I thread-in three closed-eye hooks near the top of the pvc. S-hooks terminate the guys at the top. At the bottom are closed-eye hooks that are pinned in place with small screwdrivers.

I have experimented with 10' of pvc and then 20' of pvc in two sections (1-1/2" and ???"). Both sections had to be guyed and the combination tended to flex either standing alone or with a SD-20 pole added to the top. This was an interesting exercise and a learning experience when it came to developing one-person installation techniques. These are not walk-up assemblies, even for a couple of ops.

Painting the white pvc a flat black or camo usually lowers the profile. But, it tends to exaggerate the effects of solar heating. The support changes orientation as it passes through the heating/cooling process. Movement along the body of the support translates to inches at the end of the pvc section and even more at the tip of the SD-20 pole.

Hoping this information will be helpful to you, Alex.

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Thu, 25 Jul 2002 22:26:16 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130743] Summer FOX Hunts  
Message-ID: <003901c23464\$f77c7d20\$99deb3d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi Gang,

Just an observation. Some of you may remember that this last Winter I was pretty frustrated about being on the left coast for the FOX hunts as by the time propagation came out this way, the hunt was almost over. Well, seems to be the exact opposite on 20 meters for the Summer Hunts, as I've been able to copy all of the FOXII with no problems here in Burbank,CA (except for July 4th as I wasn't on) with a 102' CFZ hung as an inverted vee. No beams here, I think the land lady would shoot me if I put a tower up! Wondering if any other left coast ops are observing the same conditions...

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>

<http://www.qsl.net/kg6cyn>

-----  
Date: Thu, 25 Jul 2002 22:44:02 -0700  
From: "John Moriarity" <k6qq@hdo.net>  
To: <bowerm@ix.netcom.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130744] Re: Use of of Fiberglass masts  
Message-ID: <009b01c23467\$73ea3580\$925fa13f@johnslt>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

> Alex, the problem I always had with my mast being "permanent" was caused  
by  
> the wind. The wind would blow up and blow it back and forth. This back  
and  
> forth motion would cause one section to collapse into the section below  
(as  
> if you were taking it down). If it was a higher section, it would start a  
> cascading affect and the whole thing would come down to a collapsed state.

That might be thought of as a built-in  
safety device ;-)

I've been using a telescoping fiberglass  
"hot stick" since November of 2000.  
It is yellow in color (of that means anything)  
and 30 feet in height. It bends a lot in  
high winds, but so do fiberglass pole



vaulting poles! The sun here at 4,600 ft.  
is very destructive. (My house was painted  
four years ago, and needs it again.)

All the pole supports is an inverted-V,  
but I am very happy with the results.

73,  
John, K6QQ  
Alturas, CA

-----  
Date: Fri, 26 Jul 2002 05:43:20 +0000  
From: Arthur Moe <kb7ww@easystreet.com>  
To: kg6cyn@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [130745] Re: Left coast and the Summer FOX Hunts  
Message-ID: <3D40E178.F3E9D588@easystreet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Trevor and all,

Well from here it has been better so far than the winter hunts. I did miss  
week 2 while on vacation. Otherwise have bagged all the foxii without to much  
of a problem, most have been bagged in the first half hour. To night there was  
lots of QSB on both stations. Jim would be s9 for a minute and then disappear  
for 30 seconds and them come back up out of the noise. Doc would never disappear  
but would sure get week.

The Antenna here is a CC A3s at 33 feet.

Art  
KB7WW  
Oregon

Trevor Jacobs wrote:

>  
> Hi Gang,  
>  
> Just an observation. Some of you may remember that this last Winter I

> was pretty frustrated about being on the left coast for the FOX hunts as  
> by the time propagation came out this way, the hunt was almost over.  
> Well, seems to be the exact opposite on 20 meters for the Summer Hunts,  
> as I've been able to copy all of the FOXII with no problems here in  
> Burbank,CA (except for July 4th as I wasn't on) with a 102' CFZ hung as  
> an inverted vee. No beams here, I think the land lady would shoot me if  
> I put a tower up! Wondering if any other left coast ops are observing  
> the same conditions...  
>  
> 73's Trev KG6CYN  
> <http://home.earthlink.net/~kg6cyn>  
> <http://www.qsl.net/kg6cyn>

-----  
Date: Fri, 26 Jul 2002 02:04:23 EDT  
From: Macstein@aol.com  
To: fpqrp-1@mpna.com, qrp-1@lehigh.edu  
Subject: [130746] Late adventures with double foxii on the new stealth antler...  
Message-ID: <1a5.5b4c28f.2a724067@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

It all began about the time the Truffle hunt was over and the Fox Hunt started. I have missed each and every summer hunt so far this season and this depresses me. So, this evening while driving home from a meeting through the big storm here in Tampa -- lightening capital of the world -- I decided to try a stealth vertical.

Sincere apologies to Dave Gauding N0FR... I may have really negatively impacted the St. Louis Vertical image/legacy. I've been working Dave for years, and meaning to try one of his designs, 'cause he is most always solid into FL from MO -- and he has most always encouraged me!

I KNOW have a SD-20 pole with the coil form already glued somewhere in the garage, but tonite all I found was an ol' cane or bamboo fishing pole. (Joel, you ever catch a big ol' Gar on a cane pole? WHH0000 BOY!) I ran hook-up "whare" (this is what Diz, W8DIZ calls wire) to the top of my 20 ft. bamboo/cane fishing pole then duct taped it to a fancy folding snare drum tripod. I then strung three radials of undetermined (what, me measure?) length and direction, this way, that way and yonder way (they seemed to mostly affect the phone line -- I couldn't stay online). I fed it with some fancy HP RG58 coax Mike Maiorana KU4QO gave me, 'cause I gotta go out the second floor window and then semi-close it 'cause of the rain (which it was still doing big time), plus I could not find the 300 ohm twin lead in the garage neither. So, I applied a KB9BVN supplied BNC connector to the "whare"

with my MP-20 honed soldering skills using my umbrella almost as much as my soldering iron. (Not really, this was actually done on the porch. With my dexterity, things often get lost in the grass as well as in the garage -- the grass, which by the way, was very, very wet.) I stuck this cane pole-drum stand-pseudo-vertical out in the back yard down the slope toward the canal/lake (and gators) and where the poor ol' half G5RV Jr. is almost but not quite hanging very un-stealthwise in the sad little broken pine tree. The house effectively blocks it big time to the west toward Jim Fox and Doc Fox and also Arizona and Utah and other states I've not been to -- oh well.

My buddy Jim, N0UR was 589 and gave me 559 got him with ONE call at 0257z. My buddy Doc, K0EVZ was 549 and gave me 549... I got him at 0359z after calling like a million times. VE6EX was loud... Todd N9NE was loud for such low mW power (as was 9A2HF on the FISTS freq. but he was NOT low power.)

It sure was good to catch Dave W5R0 and Wayne K9DI and Pauly K4FB on IM between transmits... If I keep this "put up at night and take down before morning" set-up, I'll be choking some things big time to cure my stray RF for sure. I miss my IAD. (Have I ever said that before?) And, thanks again Dave N0FR for your inspiration, but I don't blame you. Nice job Jim and Doc.

-MAC-  
AF4PS  
FP-51

-----  
Date: Fri, 26 Jul 2002 01:12:16 -0500  
From: Ade Weiss W0RSP <adeweiss@sd.value.net>  
To: qrp-l@lehigh.edu  
Subject: [130747] OT: Need A.C. adapter for Compaq Armada 7370  
Message-ID: <TOYXNL96YTPKFDDLHA074QND0QLA70.3d40e840@aweiss>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="windows-1252"

Hi gang:

Sorry for the OT query, but can anyone help me find an a.c. adapter for a Compaq Armada 7370 laptop?

Thanks.

72, Ade W0RSP

-----

Date: Fri, 26 Jul 2002 01:10:48 -0500  
From: Ade Weiss W0RSP <adeweiss@sd.value.net>  
To: qrp-l@lehigh.edu  
Subject: [130748] Re: Use of of Fiberglass masts -- 65-ft  
Message-ID: <SNZVGEKHEB32KYXP3VLKSN21LGJHZY.3d40e7e8@aweiss>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="windows-1252"

Hi all:

]

This is kind of off-topic. Back in '98 or so, I was rushing from JFK airport to a conference in NYC and this guy gets on with a big golf-looking bag, out of which was sticking the ends of a bunch a yellow fiberglass poles. He was a salesman for a window-cleaner tools company. At any rate, this beastie extended to 65-feet!!! AND, it was strong enough for a window-cleaner guy to clean windows a couple stories up from the scaffolding! I wrote his company name down somewhere, but I lost the paper -- had to hustle into a building and do a quick-change and rush into the conference room.

Now, if anyone can find this company and pay the price, I figure that with a little bit of guying, this pole was put a 40m dipole up where it needs to be....

... geesh - why did I have to lose that paper?

I guess it means that I'm basically a loser... :)

72, Ade W0RSP

-----  
Date: Thu, 25 Jul 2002 21:55:45 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130749] One of two  
Message-ID: <20020726045545.GA19492@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

Tonight was the first fox hunt I was able to make (at ~0350).

N0UR was pretty loud in WA, but no sign of K0EVZ.

Noise level was S9.

Bob, N7XY

-----  
Date: Fri, 26 Jul 2002 18:27:24 +1000  
From: "Adam" <jabba@w3.to>  
To: <kg6cyn@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130750] Re: Metric Time? What's Next?  
Message-ID: <005b01c2347e\$47526120\$a6138aca@kids>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

No 1.6 times longer!

Adam VK4LAJ  
<http://www.qsl.net/vk4laj>

> Karl, are they shorter than the "Standard Weekend" ? ;-)

---  
Outgoing mail from this account has been scanned and found to be virus free.  
However, should you find that this email contains a virus please notify the  
sender immediately.

Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.377 / Virus Database: 211 - Release Date: 15/07/02

-----  
Date: Fri, 26 Jul 2002 03:19:48 -0700 (PDT)  
From: Bill ROWLETT <kc4atu@yahoo.com>  
To: adeweiss@sd.value.net,  
Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130751] Re: Use of of Fiberglass masts -- 65-ft  
Message-ID: <20020726101948.20860.qmail@web14207.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Not a loser Ade, just human

73 Bill kc4atu

-----  
Do You Yahoo!?

Yahoo! Health - Feel better, live better

<http://health.yahoo.com>

-----  
Date: Fri, 26 Jul 2002 03:24:24 -0700 (PDT)

From: Bill ROWLETT <kc4atu@yahoo.com>

To: kb9zuv@arrl.net,

Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [130752] Re: first dx!!

Message-ID: <20020726102424.51315.qmail@web14204.mail.yahoo.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Congrats on the first Gary, it becomes habit forming  
though. Try SSB at 5 watts or less for a real hoot.  
Have over 100 in 18 months on SSB with 5 watts and an  
indoor dipole.

Good luck with getting any sleep and have fun.

73 Bill kc4atu

-----  
Do You Yahoo!?

Yahoo! Health - Feel better, live better

<http://health.yahoo.com>

-----  
Date: Fri, 26 Jul 2002 06:35:30 -0400

From: "Dave Richards" <wr3i@earthlink.net>

To: <kc4atu@yahoo.com>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [130753] RE: Use of of Fiberglass masts -- 65-ft

Message-ID: <FAEEKPCBNNDNKGMPIBKIEAPCFAA.wr3i@earthlink.net>

Do a google search for aquaclean see if that is what you are looking for  
Dave  
WR3I

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU]On Behalf Of  
Bill ROWLETT  
Sent: Friday, July 26, 2002 6:20 AM  
To: Low Power Amateur Radio Discussion  
Subject: Re: Use of of Fiberglass masts -- 65-ft

Not a loser Ade, just human

73 Bill kc4atu

-----  
Do You Yahoo!?  
Yahoo! Health - Feel better, live better  
<http://health.yahoo.com>

-----  
Date: Sat, 27 Jul 2002 00:30:50 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: "Low Power" <qrp-1@lehigh.edu>  
Subject: [130754] New audio amp  
Message-ID: <DAV59kQCwulUYioj3wH000142b4@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

TI has just announced a new audio amp chip, the TPA6203A1. It gives 1.25W  
into 8 ohms at 5V with 1% THD, and operates from 2.5V-5.5V. Ideal for QRP  
radios, as it takes less than 1 uA in shut-down mode.

The downside is that it's 2mm square (!), and in a Ball Grid Array package  
(eight little solder balls on the underside). 8-(

73, Leon

--

Leon Heller, G1HSM  
[leon\\_heller@hotmail.com](mailto:leon_heller@hotmail.com)  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Fri, 26 Jul 2002 13:34:12 +0200  
From: Ingo Meyer DK3RED <dk3red@t-online.de>

To: aturner13@triad.rr.com, QRP-L <qrp-l@lehigh.edu>  
Subject: [130755] Re: Use of of Fiberglass masts  
Message-ID: <3D4133B4.6DDC1094@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Alex,

> Has anyone used one of the extending masts in a semi-permanent installation.

I live here also in an antenna restricted area but with a 30' vertical  
(telescope mast) on the balcony. See more informations at

<http://home.t-online.de/home/dk3red/en/station.htm#ant1>

There is also a PDF file (at the time only in German) with some pictures.

> Also, is PVC of the same height usable. ...

You must guy the PVC mast.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>  
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

-----  
Date: Fri, 26 Jul 2002 07:56:43 -0400  
From: Alex <kr1st@amsat.org>  
To: kb9zuv@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130756] Re: first dx!!  
Message-ID: <3D4138FB.381100D2@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Congratulations, Gary! That is a great accomplishment. And like Bill,  
KC4ATU, said it is very addictive. Like Bill, I too love to work SSB at  
5 Watts (on my indoor magloop) and it's a real kick to bust a pile up  
knowing that most of the competition is running a kw+.

Last night I tried catching 9K2HN on 20 but failed, but I did hear one  
fella working him at 5 Watts and the 9K station had a hard time  
believing him since he was a real S9 there.



Have fun and 73,  
--Alex (KR1ST)

Gary Lee wrote:

>  
> 20 meters seems very long tonight. Worked es4rc at 03:50 utc 07/26/2002 on  
> 14.050 using my ts2000 turned down to 5 watts.  
>  
> First ever dx! He sounded very worbley kind of like aurora.  
>  
> Now I'll never get to sleep.  
>  
> Gary Lee  
> kb9zuv  
>

-----  
Date: Fri, 26 Jul 2002 08:07:41 -0400  
From: "jhecht@dnaco.net" <jhecht@dnaco.net>  
To: qrp-1@lehigh.edu  
Subject: [130757] Re: 2SC1969 TRANSISTORS  
Message-ID: <191690-22002752612741980@M2W054.mail2web.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: quoted-printable

MCM Electronics has them for \$3=2E29=2E They are here in Dayton, and I use  
e  
them for a lot of my semiconductors=2E <http://www=2Emcmelectronics=2Ecom>

If you don't meet the minimum order requirements, let me know, and I'll  
order them for you and pick them up from will call and drop them in an  
envelope to you=2E

Jeff - K8GD

-----  
mail2web - Check your email from the web at  
<http://mail2web=2Ecom/> =2E

-----  
Date: Fri, 26 Jul 2002 08:07:23 -0400  
From: Alex <kr1st@amsat.org>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130758] A varicap question  
Message-ID: <3D413B7B.FF152BBF@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi there,

Now here's probably a dumb question. What material are shafts of  
Hammarlund air variable capacitors made of?

I acquired this one a few weeks ago and I'm using this 2 gang capacitor  
in my magnetic loop. For now I have the 2 stators soldered to each other  
with coax braid on the brass interconnect that connects them  
mechanically (insulated), but I'd rather take the interconnect out and  
hook up the shafts directly to each other.

Thanks and 73,  
--Alex (KR1ST)

-----  
Date: Fri, 26 Jul 2002 07:34:09 -0500  
From: David Heintzleman <pstrdave@kdsi.net>  
To: adeweiss@sd.value.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130759] Re: Use of of Fiberglass masts -- 65-ft  
Message-ID: <3D4141C1.C18537AD@kdsi.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

contact local power company about the fiberglass poles that they have  
for insulated work - collapsible and handy  
Dave K8BBM

Ade Weiss W0RSP wrote:

>  
> Hi all:  
> ]  
> This is kind of off-topic. Back in '98 or so, I was rushing from JFK airport to  
a conference  
> in NYC and this guy gets on with a big golf-looking bag, out of which was  
sticking the  
> ends of a bunch a yellow fiberglass poles. He was a salesman for a window-  
cleaner

> tool

-----  
Date: Fri, 26 Jul 2002 08:35:38 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130760] Re: NOUR FOX  
Message-ID: <3D4109DA.6335.27726E21@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 25 Jul 2002 at 19:57, Trevor Jacobs wrote:

> Hey Guys,  
>  
> Man Jim is WAY strong into SoCal right now on 14.055 listening up with  
> no takers...go get him!!!!  
>  
> 73's Trev KG6CYN  
> <http://home.earthlink.net/~kg6cyn>  
> <http://www.qsl.net/kg6cyn>  
>  
>

Jim was an honest 599 into NJ a about 0240Z. Heard him calling CQ, one quick call... I never heard a peep from Doc, though, which is odd.

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
\\_ / \\_ / \\_ / \\_ / \\_ / ARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, W7JEF, W4MPC, N4JS

-----  
Date: Fri, 26 Jul 2002 08:47:50 -0400  
From: Tim ORourke <TORourke@kaiserft.com>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@lehigh.edu>  
Subject: [130761] Re: New audio amp  
Message-ID: <0514B74864ACD511934400508BBB5E3415F80E@EMAIL1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

How abt an Ic that has a 85mw headphone amp and a 1.5 watt speaker amp in one package? Try LM4854 from National Semi. saw it recently in electronic rag.

Tim KG4CHX (W4YN as of Aug 1)

Leon Heller wrote:

TI has just announced a new audio amp chip, the TPA6203A1. It gives 1.25W into 8 ohms at 5V with 1% THD, and operates from 2.5V-5.5V. Ideal for QRP radios, as it takes less than 1 uA in shut-down mode.

-----  
Date: Fri, 26 Jul 2002 06:18:22 -0700  
From: "johngabbard" <johngabbard@usintouch.com>  
To: <qrp-l@lehigh.edu>  
Subject: [130762] Century 21 FS  
Message-ID: <009d01c234a6\$eb298ee0\$72811c0c@juanita>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I have a nice Ten Tec Century 21 for \$200. plus shipping USA john KF70M

-----  
Date: Fri, 26 Jul 2002 09:16:24 -0400  
From: "AI2Q Alex" <ai2q@adelphia.net>  
To: <kr1st@amsat.org>,  
      "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>  
Subject: [130763] RE: A varicap question  
Message-ID: <000001c234a6\$a51c3560\$6401a8c0@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Alex, they're usually made of brass, and are readily cut and soldered to. Iron or steel would be less suitable in an RF field.

By the way, they're not called varicaps; that's misleading (and almost caused me to jump past your posting).

Varicaps are solid-state devices (special diode junctions) that change

capacitance in proportion to the junction voltage. As you "widen the gap," the capacitance goes lower.

What you describe are variable capacitors, or "variable caps."

Hope this helps.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Alex

Sent: Friday, July 26, 2002 8:07 AM

To: Low Power Amateur Radio Discussion

Subject: A varicap question

Hi there,

Now here's probably a dumb question. What material are shafts of Hammarlund air variable capacitors made of?

I acquired this one a few weeks ago and I'm using this 2 gang capacitor in my magnetic loop. For now I have the 2 stators soldered to each other with coax braid on the brass interconnect that connects them mechanically (insulated), but I'd rather take the interconnect out and hook up the shafts directly to each other.

Thanks and 73,  
--Alex (KR1ST)

-----  
Date: Fri, 26 Jul 2002 09:41:41 -0400  
From: Alex <kr1st@amsat.org>  
To: ai2q@adelphia.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130764] Re: A varicap question  
Message-ID: <3D415195.B03B3F25@amsat.org>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Hi Alex,

AI2Q Alex wrote:

>

> Alex, they're usually made of brass, and are readily cut and soldered to.  
> Iron or steel would be less suitable in an RF field.

I tried soldering it, but alas it didn't work. I also said stators in my post, but I meant the rotor sections that I wanted to solder together.

> By the way, they're not called varicaps; that's misleading (and almost  
> caused me to jump past your posting).

You are so right! I bought some varicaps for use on the microwave bands a couple of weeks ago at an estate sale (where I also found the capacitor) and was just trying to find info on them on the web, so the term was kinda stuck in my head. Boy, I really need some strong coffee.

Thanks for your help!

73,  
--Alex (KR1ST)

-----  
Date: Fri, 26 Jul 2002 06:57:03 -0700  
From: "Sparky" <lou@harborside.com>  
To: "QRP-L" <qrp-l@lehigh.edu>  
Subject: [130765] RE: Fiberglass Masts  
Message-ID: <005c01c234ac\$52ee1870\$5d352d0c@750n>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The best one I have found for Permanent placement is made from Epoxy/Carbon fibers. You can start with up to 3/4" and work down to 1/8" for a 30' mast. at 25" feet it will stand a 100 mile per wind (used as a vertical antenna). I have been in wind gust up to 135 with mine.. You can get the rods at any good Kite Shop..It isn't cheap but it is small, black, and very hard to see. You can get it in 4' lengths that will fit inside each other. Glue them together with Epoxy.

-----  
Date: Fri, 26 Jul 2002 10:11:43 -0400  
From: "Ken Simpson, W8EK" <W8EK@fdt.net>  
To: "QRP List" <qrp-l@lehigh.edu>  
Subject: [130766] Trac Keyer FS  
Message-ID: <01ba01c234ae\$60423220\$4bd2d143@toshiba>

For Sale:

Trac TE-144 electronic keyer

This one is all CMOS, and runs off of a 9 volt battery.  
It will key both positive and negative voltages, and also  
has a switch for "semi-automatic" operation, like a bug.  
This particular unit looks close to new, with a very slight  
mark on the rear lip of the cover. Front panel is perfect.

\$ 40 plus shipping from Florida.

Thanks.

73,

Ken, W8EK

Ken Simpson  
E-mail to W8EK@fdt.net or W8EK@arrl.net  
Voice Phone (352) 732-8400

-----  
Date: Fri, 26 Jul 2002 10:42:38 -0400  
From: "Ronald A Pfeiffer" <Ronald\_A\_Pfeiffer@raytheon.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130767] Re: 12v Battery Monitor circuit  
Message-ID: <0F183624F1.45E21195-0N85256C02.004909E8@and.us.ray.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=us-ascii

Found possible solution : <http://www.mpja.com/>

8-12 VOLTAGE MONITOR VM-1-12

Voltage monitor kit monitors  
voltages using 7 LEDs (2 red, 2 yellow, 3green).

Change resistors to select  
voltage ranges and indicated steps: 5V or 8V in 1/4V  
steps or 12V in 1/4, 1/2 or  
1V steps. All parts included.

L: 2-3/4" W: 1-7/16" H: 3/8"

WT: .2

STOCK NO. 4210 RB  
PRIC \$7.95

-----  
Date: Fri, 26 Jul 2002 11:03:38 -0400  
From: George Reeves <greeves@emory.edu>  
To: QRP-L <QRP-L@lehigh.edu>  
Subject: [130768] Re: Use of of Fiberglass masts  
Message-ID: <3D4164CA.EFB33033@emory.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Here's another good site for fiberglass poles---

<http://www.geocities.com/tmastco/telepole.htm>

David Gauding wrote:

> At 08:53 PM 7/25/02 -0400, you wrote:  
> >Has anyone used one of the extending masts in a semi-permanent installation.  
>  
> Hello Alex,  
>  
> I do not own the MFJ collapsible fiberglass pole so I can't comment  
> first-hand on that product. But, I have used the South Bend SD-20  
> collapsible fiberglass fishing poles for a dozen years. Other than fading  
> and roughening of the finish from UV exposure, and moisture/temperature  
> extremes, all four in my inventory are still in reasonably good shape. I  
> definitely got my money's worth!  
>  
> I rarely have a section collapse, and if it does that's because I did not  
> twist/lock it in place properly. Individual sections can tend to bind from  
> time-to-time after being installed for extended periods - i. e. months. I  
> find that using a no-slip rubber pad in each hand, intended for opening  
> tightly fitting caps on jars, usually solves that problem. In really nasty  
> cases (left up all winter) a little spritz of WD-40 could be helpful,  
> though I have never resorted to doing that.  
>  
> One really nice feature of the SD-20 pole (and the almost identical Black  
> Widow) is it does not need to be guyed - even with the prospect of very



> strong winds. The pole's profile and weight are minimal. This statement  
> assumes the antenna assembly is terminated in a fairly hefty base mount  
> with a long landscaping spike - about 12".  
>  
> One thing to keep in mind when calculating radiators. The collapsible poles  
> are actually about 19-1/2' fully assembled instead of the advertised  
> 20'. Up to 6 inches are lost in overlap.  
>  
> If you are going to use the pole to support a dipole/doublet there are two  
> options. 1) build a super-light radiator or 2) drop the tip section out of  
> the assembly for much improved rigidity. I usually use #26 magnet wire or  
> single ribbon cable conductors for 88' - 135' radiators and #24 stranded  
> for 66' and shorter radiators.  
>  
> Heavy-duty plastic guitar picks work well for the center insulator and  
> shirt collar buttons are fine for end insulators. Light-duty 300 ohm line  
> or WE6W-type ribbon cable feedline does a good job. Tape the feedline at a  
> couple of places on the pole to help control weight/movement at the tip.  
>  
> RG-58 will work okay with the tip section dropped out. RG-174 is okay for  
> the full 20' span. While preferable, I do not use a choke balun with the  
> coax feedlines because of overhead weight/sail area considerations.  
>  
> One SD-20 has been in more or less continuous use in my backyard for four  
> years as a support for a St. Louis Express portable vertical. I took it  
> down ten days ago to set-up a station at the St. Louis QRP Society's annual  
> tailgate sale. Other than having to use the rubber pads to help collapse  
> several sections of the pole there was nothing to it. The last time that  
> pole was collapsed was probably in March of this year.  
>  
> I have used pvc pipe for verticals and horizontal antenna supports. With a  
> substantial base mount (as above), an 8' section of 1-1/4" pvc will easily  
> support a SD-20 vertical or a lightweight doublet without guys. This  
> assumes reasonable weather conditions and firm earth for the spike.  
>  
> For a full 10' pvc section, guys are almost always required, in my  
> experience. To hold no-stretch guys, I thread-in three closed-eye hooks  
> near the top of the pvc. S-hooks terminate the guys at the top. At the  
> bottom are closed-eye hooks that are pinned in place with small screwdrivers.  
>  
> I have experimented with 10' of pvc and then 20' of pvc in two sections  
> (1-1/2" and ???"). Both sections had to be guyed and the combination tended  
> to flex either standing alone or with a SD-20 pole added to the top. This  
> was an interesting exercise and a learning experience when it came to  
> developing one-person installation techniques. These are not walk-up  
> assemblies, even for a couple of ops.  
>  
> Painting the white pvc a flat black or camo usually lowers the profile.

> But, it tends to exaggerate the effects of solar heating. The support  
> changes orientation as it passes through the heating/cooling process.  
> Movement along the body of the support translates to inches at the end of  
> the pvc section and even more at the tip of the SD-20 pole.  
>  
> Hoping this information will be helpful to you, Alex.  
>  
> de Dave, NF0R      nf0r@slacc.com

-----  
Date: Fri, 26 Jul 2002 10:04:44 -0500  
From: "Walter AG5P" <walter@accessus.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130769] RE: Fiberglass Masts  
Message-ID: <002b01c234b5\$c727e280\$1c466ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Like a lot of us in the QRP world, Dave Gauding, NF0R, introduced me to the fishing pole (Black Widow and SD-20). Thanks, Dave!

For a permanent use, I have been using a Black Widow, extending it and painting each telescoping joint with the black liquid electrical tape. This seals each section from water and keeps the wind vibration from collapsing the mast. Letting the liquid tape dry and then putting a coat of auto wax on the entire rod has kept it in the air for right at two years with no extra maintenance. This setup holds up a 40 meter inverted vee fed with the brown RadioShack twinlead. The mounting is pretty easy. Drove a 4 foot 3/8" steel rod into the ground about 14", drilled an oversized 3/8" hole in a Melamine (plastic) plate (that came from a garage sale at 5 cents) in dead center, slid the plate upside-down on the rod and set the Black Widow on it. The plate is to keep the rod from going into the ground when its wet.

Also when thinking of lightweight permanent mast, don't forget the Fire Departments and such. They have wonderful fiberglass VHF/UHF collinears that get hit by lightning occasionally. The ones around me just give them away. A little fast cleanup, remove the coax collinear from inside and its a 20 mast that will hold up a small beam. You can mount them as above, but use a bigger (5/8"+ x 6ft) rod and a similar plate at the base.

72 / 73...Walter, AG5P

-----  
Date: Fri, 26 Jul 2002 07:55:56 -0700  
From: "blinn" <blinn@smgazette.com>  
To: "Arthur Moe" <kb7ww@easystreet.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130770] Re: OT - 2 meter yagi  
Message-ID: <00c001c234b4\$8dad55e0\$768aa242@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks to all who responded. Arthur's post was first and hit the spot precisely... The Clear Lake Amateur Radio Club's article on "Cheap Yagi Antennas for VHF/UHF" is the one I saw. (I now have a hard copy for my files and will build a 2 meter version today.)

Bill - WA7TQK

---  
Outgoing mail is certified Virus Free.  
Checked by AVG anti-virus system (<http://www.grisoft.com>).  
Version: 6.0.365 / Virus Database: 202 - Release Date: 5/24/02

--

-----  
Date: Fri, 26 Jul 2002 10:12:27 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: leon\_heller@hotmail.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [130771] Re: New audio amp  
Message-ID: <3D4166DB.F0293502@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

The thermal density with that package is mind-bending. At 50% efficiency, it is dissipating 0.625 watts in a package 2 mm square by probably 1 mm thick or 4 cubic mm! Wonder what the temp rating is?

73/72/oo, George W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 56th year and it just keeps getting better!  
QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735  
Icom IC-756PRO #02121 Kachina 505 DSP #91900556 Icom IC-765 #02437

Leon Heller wrote:

>  
> TI has just announced a new audio amp chip, the TPA6203A1. It gives 1.25W  
> into 8 ohms at 5V with 1% THD, and operates from 2.5V-5.5V. Ideal for QRP  
> radios, as it takes less than 1 uA in shut-down mode.  
>  
> The downside is that it's 2mm square (!), and in a Ball Grid Array package  
> (eight little solder balls on the underside). 8-(

-----  
Date: Fri, 26 Jul 2002 08:13:21 -0700  
From: Jeff Stai WK6I <wk6i@twistedoak.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130772] Re: New audio amp  
Message-ID: <5.1.0.14.2.20020726081240.041b6a38@mail.megapathdsl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:30 PM 7/26/2002, Leon Heller wrote:  
>TI has just announced a new audio amp chip, the TPA6203A1. It gives 1.25W  
>into 8 ohms at 5V with 1% THD, and operates from 2.5V-5.5V. Ideal for QRP  
>radios, as it takes less than 1 uA in shut-down mode.  
>  
>The downside is that it's 2mm square (!), and in a Ball Grid Array package  
>(eight little solder balls on the underside). 8-(

well... since the ball layout is like this:

X X X  
X X  
X X X

you COULD superglue it balls-up (sorry) and solder to it with enough  
patience, really really fine wire, a really really good magnifier, and a  
really really fine soldering tip... at least the wires are coming in  
straight to each ball!

Or you could buy the eval module board and slice the chip out of it...  
too much trouble, maybe...;-) - 73 - jeff wk6i

Jeff Stai            Twisted Oak Winery LLC  
Email                jds@twistedoak.com  
Amateur Radio        WK6I  
ROC Web Page        <http://www.rocstock.org/>

-----  
Date: Fri, 26 Jul 2002 11:38:33 -0400  
From: "Charles W3KC" <w3kc@starpower.net>  
To: <qrp-l@lehigh.edu>  
Subject: [130773] Re: New audio amp  
Message-ID: <001b01c234ba\$8e02ba20\$730b2c42@w3kc>

Oh no. I was just getting used to SMT and here comes Ball Grid.  
72 de Chas W3KC

-----  
Date: Fri, 26 Jul 2002 11:41:34 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [130774] Re: New audio amp  
Message-ID: <5.1.0.14.1.20020726112937.00a716f0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

George,

According to the data sheet (<http://www-s.ti.com/sc/ds/tpa6203a1.pdf>) it's  
-40 to +85C. At 25C it can dissipate 1.10 watts, and at 85C it's 572 mW.

At first I thoguht it might be a Class D switching amp. Such are becoming popular for low-power portable devices like cell phones and PDAs (which is the target market for this part). But this one looks like it's a genuine analog part. It uses complementary outputs like the old MC34119, so neither side of the speaker is grounded. This is also how they get reasonable speaker drive from a low-voltage supply - the peak-to-peak voltage seen by the speaker approaches 2 times the supply voltage.

Good luck soldering it though. Leon, are you going to make an adaptor for -this- one? (grin)

Dave

At 10:12 AM 7/26/2002 -0500, you wrote:

>The thermal density with that package is mind-bending. At 50% efficiency,  
>it is dissipating 0.625 watts in a package 2 mm square by probably 1 mm  
>thick or 4 cubic mm! Wonder what the temp rating is?

>

>73/72/00, George W5YR - the Yellow Rose of Texas

>Fairview, TX 30 mi NE of Dallas in Collin county EM13qe

>Amateur Radio W5YR, in the 56th year and it just keeps getting better!

>QRP-L 1373 NETXQRP 6 SOC 262 COG 8 FPQRP 404 TEN-X 11771 I-LINK 11735

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>

>

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> >

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> > into 8 ohms at 5V with 1% THD, and operates from 2.5V-5.5V. Ideal for QRP  
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> >

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> > (eight little solder balls on the underside). 8-(

-----  
"You can fool some of the people all of the time. That's enough to make a  
living." - Lance Burton  
-----

Dave Hinerman

WD8CIV@worldnet.att.net

-----  
Date: Fri, 26 Jul 2002 10:50:53 -0500

From: "Tim, N9PUZ" <n9puz@arrl.net>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: [130775] Re: New audio amp

Message-ID: <200207261553.KAA20516@gallium.eosinc.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="iso-8859-1"

Content-Transfer-Encoding: quoted-printable

On Fri, 26 Jul 2002 11:38:33 -0400, Charles W3KC wrote:

>Oh no. I was just getting used to SMT and here comes Ball Grid.

>72 de Chas W3KC

Start watching for deals on toaster ovens at garage sales! It's

possible (but not exactly easy) to do smaller BGA packages with=  
an  
oven. Best not to use the one in the kitchen get on the bad side=  
of the  
XYL.

Tim N9PUZ

-----  
Date: Fri, 26 Jul 2002 12:02:43 -0400  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [130776] Great circle maps  
Message-ID: <3.0.6.32.20020726120243.007a5530@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Just found a nice site that will generate a Great Circle Map, centered on  
your QTH. Just give it your lat and lon and select one of the options.

Kinda nice to know what direction the DX is in. Now to check to see if my  
antenna is pointing the right way, not that I can do much about which way  
it's facing, hi.

<http://www.wm7d.net/>  
72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Fri, 26 Jul 2002 16:27:36 +0000  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: WD8CIV@worldnet.att.net, qrp-l@lehigh.edu  
Subject: [130777] Re: New audio amp  
Message-ID: <F180q31THmDXxJqIoXw0002365e@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: David Hinerman <WD8CIV@worldnet.att.net>  
>Reply-To: WD8CIV@worldnet.att.net  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: Re: New audio amp  
>Date: Fri, 26 Jul 2002 11:41:34 -0400  
>

>Good luck soldering it though. Leon, are you going to make an adaptor for  
>-this- one? (grin)  
>

I've been experimenting with BGA PCB layout (for \*much\* bigger chips like StrongARMs), and once I'd sorted out a couple of problems with the PCB software I use, it's quite straightforward. It's even easier for little chips like this amp, as you can get the tracks out easily, without needing vias next to each BGA pad and 8-layer boards. However, as they need solder mask for the assembly process to work properly, I don't think making this type of PCB is feasible at home. If everything is designed right, soldering is quite straightforward (with the right equipment), as surface tension pulls the chip into place.

Still, I like a challenge, so I might have a go at it. 8-)

Leon

--

Leon Heller, G1HSM Tel: +44 1327 359058 Email:leon\_heller@hotmail.com

My web page: [http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

My low-cost Altera Flex design kit: <http://www.leonheller.com>

---

Join the world's largest e-mail service with MSN Hotmail.  
<http://www.hotmail.com>

---

Date: Fri, 26 Jul 2002 09:37:31 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: <qrp-l@lehigh.edu>  
Subject: [130778] Re: A varicap question  
Message-ID: <MABBJOEABOILMKCJCLFCMEHKDHAA.n6wg@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit



Alex

I believe the good quality variables have shafts made of brass.  
I'm not sure, but the smaller APC style trimmer caps  
seem sometimes to have aluminum plates and shaft.  
73, Bob N6WG

-----  
Date: Fri, 26 Jul 2002 12:38:53 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-1@lehigh.edu  
Subject: [130779] Re: New audio amp  
Message-ID: <5.1.0.14.1.20020726123251.00a72d10@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:27 PM 7/26/2002 +0000, you wrote:

>>From: David Hinerman <WD8CIV@worldnet.att.net>  
>>Reply-To: WD8CIV@worldnet.att.net  
>>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
>>Subject: Re: New audio amp  
>>Date: Fri, 26 Jul 2002 11:41:34 -0400  
>  
>>Good luck soldering it though. Leon, are you going to make an adaptor for  
>>-this- one? (grin)  
>  
>I've been experimenting with BGA PCB layout (for \*much\* bigger chips like  
>StrongARMs), and once I'd sorted out a couple of problems with the PCB  
>software I use, it's quite straightforward. It's even easier for little  
>chips like this amp, as you can get the tracks out easily, without needing  
>vias next to each BGA pad and 8-layer boards. However, as they need solder  
>mask for the assembly process to work properly, I don't think making this  
>type of PCB is feasible at home. If everything is designed right,  
>soldering is quite straightforward (with the right equipment), as surface  
>tension pulls the chip into place.  
>  
>Still, I like a challenge, so I might have a go at it. 8-)

Leon,

At my last job we were looking carefully at a BGA processor (a Mot  
PowerPC), but most of the other companies in the area who had used BGA said  
that the biggest headache was getting the parts soldered correctly. It's  
true that surface tension of the molten solder will pull the parts into

place in the XY plane (assuming the part was aligned closely to begin with) but getting the proper amount of solder on each pad is critical. Too little on any one pad and it won't reach the bump on the chip; too much on one row and all the rows between it and the opposite edge won't mate.

Then when you factor in the difficulty of inspecting the solder joints (essentially it takes an X-ray machine), we decided it wasn't cost effective.

But I'd still like to try it some time.

Dave

-----  
"You can fool some of the people all of the time. That's enough to make a living." - Lance Burton  
-----

Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 26 Jul 2002 11:41:27 -0500  
From: "Frank Emens" <femens@hiwaay.net>  
To: qrp-l@lehigh.edu  
Subject: [130780] QRP Forum at Huntsville Hamfest  
Message-ID: <3D413567.6364.9162D0@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

We still need someone who will be at the Huntsville Hamfest on August 17 and 18 to host a QRP Forum on Saturday, the 17th. I'd do it, but I'm the hamfest treasurer and will be tied up in the "counting room" all weekend and not available.

Tentec will be there and have assured me they will have the new Argonaut with extensive dsp at their booth. They will only have two people there, so can't participate in a forum.

Let me know if you cn help.

--

Frank Emens  
femens@hiwaay.net

-----  
Date: Sat, 27 Jul 2002 03:01:50 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <TORourke@kaiserft.com>,  
    "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130781] Re: New audio amp  
Message-ID: <DAV39FMoyoEcAxly2J200014588@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "Tim ORourke" <TORourke@kaiserft.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, July 26, 2002 1:47 PM  
Subject: Re: New audio amp

> How abt an Ic that has a 85mw headphone amp and a 1.5 watt speaker amp in  
> one package? Try LM4854 from National Semi. saw it recently in electronic  
> rag.  
> Tim KG4CHX (W4YN as of Aug 1)

Not to be outdone, TI do something like this as well: TPA6011A4. It's 2W  
stereo, with a special headphone mode. It also has DC volume control.

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Fri, 26 Jul 2002 09:45:44 -0700 (PDT)  
From: Patrick Gardella <pgardella@yahoo.com>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130782] Antennas and Spouses  
Message-ID: <20020726164544.30953.qmail@web40201.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Thought you all might get a kick out of a conversation I had with my wife last  
night.

When we moved into our own new house, I immediately saw the trees and the other ham antenna towers in the community. My imagination went wild. :) I mentioned it to my wife, and she said the phrase you've probably all heard, "You're not putting those ugly antennas in \*my\* yard". So I have a shortened dipole in my attic that I've had to live with.

My wife & I made friends with a family who are missionaries in Nigeria (he's chief surgeon at a hospital there). Come to find out the father of the family is a ham and has a nice set up there in Nigeria. He said that he uses it to communicate with friends at home (in the US).

That got her thinking. So last night she came to me and asked "how hard it would be to put in an antenna like the one down the street so we could talk to our friends?". The antenna in question is a giant tower with a big yagi! So much for the "ugly antenna" problem. :)

Gotta love it when they see the light.

Patrick  
N3EO

-----  
Do You Yahoo!?  
Yahoo! Health - Feel better, live better  
<http://health.yahoo.com>

-----  
Date: Fri, 26 Jul 2002 11:06:20 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130783] RV: CQ East Coast again!  
Message-ID: <000401c234c8\$254249c0\$11796750@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

-----Mensaje original-----  
De: Juanjo Pastor <ec5aca@wanadoo.es>  
Para: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Fecha: jueves, 25 de julio de 2002 19:19  
Asunto: CQ East Coast again!

>Hello again,  
>  
> I (hopefully) will be on 14.060 and neighbourhood at 22:00 or so  
>this Friday the 16th with my TT1320 at 3 Watts and the 3 element  
>triband yagi beam of the radioclub in Liria, near Valencia. Hope to  
>hear some of you. CUL on the air!  
>  
>73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
>QRP-L #1662.  
>  
>Juanjo Pastor  
>C/San Roque, 4-1=BA  
>46460 Silla  
>SPAIN  
>  
>e-mail: ea5chq@wanadoo.es  
>Tel.: +034 96 120 17 67  
>Movil: 651 35 35 11  
>  
>

-----  
Date: Fri, 26 Jul 2002 19:23:19 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130784] RE: CQ East Coast again!  
Message-ID: <003501c234c9\$249dfe00\$11796750@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Obviously, a number jumped down and it is today, Friday the 26th. Hope to work a lot of east coast QRPLers!

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es  
Tel.: +034 96 120 17 67  
Movil: 651 35 35 11

-----Mensaje original-----

De: Juanjo Pastor <ec5aca@wanadoo.es>  
Para: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Fecha: jueves, 25 de julio de 2002 19:19  
Asunto: CQ East Coast again!

>Hello again,

>

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>

>73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
>QRP-L #1662.

>

>Juanjo Pastor  
>C/San Roque, 4-1=BA  
>46460 Silla  
>SPAIN

>

>e-mail: ea5chq@wanadoo.es  
>Tel.: +034 96 120 17 67  
>Movil: 651 35 35 11

>

>

-----  
Date: Fri, 26 Jul 2002 13:35:46 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-l@lehigh.edu  
Subject: [130785] Battery Monitor Circuits no good?  
Message-ID: <167.1148a6ab.2a72e272@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Folks, I did not know enough about the monitor circuits I sent forwarded to you but Darrol seems to have a better handle than I do so thought I would pass his note along for your benefit also. I hope to build it just to verify

for myself that it does/doesn't work  
Alan KB7MBI

-----  
Here are a few circuits I found a few years ago for battery charge monitoring  
[http://www.reconnsworld.com/power\\_highlowbattmon.html](http://www.reconnsworld.com/power_highlowbattmon.html)  
<http://www.uoguelph.ca/~antoon/gadgets/batt324.htm>  
-----

Hi Alan,

Out of curiosity, I looked at the circuit that's at  
[www.reconnsworld.com](http://www.reconnsworld.com).(etc) Well, that's a dead  
circuit if I ever saw one. There is no voltage reference,  
and this circuit is strictly a "potentiometer setting sensor".  
The 12VDC input can vary all over creation. As long  
as the 741 can put out current to the LED, it will, as  
long as the pot was set to a higher (or was it lower ?)  
ratio than the other two resistors. This is a stupid,  
completely useless circuit ! I didn't bother to  
look at the other one. Sorry to say, your referral  
had negative "added value."

Darrol

-----  
Date: Fri, 26 Jul 2002 12:33:10 -0500  
From: "Tim, N9PUZ" <n9puz@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130786] Re: Antennas and Spouses  
Message-ID: <200207261735.MAA22721@gallium.eosinc.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: quoted-printable

On Fri, 26 Jul 2002 09:45:44 -0700 (PDT), Patrick Gardella=  
wrote:

>That got her thinking. So last night she came to me and asked=  
"how  
>hard it would be to put in an antenna like the one down the=  
street  
>so we could talk to our friends?". The antenna in question is=  
a  
>giant tower with a big yagi! So much for the "ugly antenna"  
>problem. :)  
>  
>Gotta love it when they see the light.

Just hope she remains enthusiastic when the bill shows up!

Congrats on getting permission to proceed.

Tim N9PUZ

-----  
Date: Fri, 26 Jul 2002 10:43:12 -0700 (PDT)  
From: Rob Ellis <ac6wq@yahoo.com>  
To: qrp-1@lehigh.edu  
Subject: [130787] Need Help on Index Labs QRP Plus  
Message-ID: <20020726174312.42028.qmail@web20001.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

My QRP plus seems to be locked up on 7.041 will not respond to a manual reset. The only function that works is changing from SSB to CW and visa versa. I have replaced the 3 volt battery with a brand new one and sanded the contacts for it to no avail per others suggestions. Thanks in advance for any help.....Rob

-----  
Do You Yahoo!?  
Yahoo! Health - Feel better, live better  
<http://health.yahoo.com>

-----  
Date: Fri, 26 Jul 2002 15:13:40 +0100  
From: "M.J.Powell" <mike@pickmere.demon.co.uk>  
To: kr1st@amsat.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [130788] Re: A varicap question  
Message-ID: <VwpXWpAUkVQ9EwcG@pickmere.demon.co.uk>  
MIME-Version: 1.0

In message <3D415195.B03B3F25@amsat.org>, Alex <kr1st@amsat.org> writes  
>Hi Alex,  
>  
>AI2Q Alex wrote:  
>>  
>> Alex, they're usually made of brass, and are readily cut and soldered to.  
>> Iron or steel would be less suitable in an RF field.  
>



>I tried soldering it, but alas it didn't work. I also said stators in my  
>post, but I meant the rotor sections that I wanted to solder together.

On most variable capacitors the rotors are on a common shaft and don't  
need soldering together. They are also earthed through the frame.

HTH

Mike

--

M.J.Powell

-----  
Date: Fri, 26 Jul 2002 14:05:52 -0400  
From: Steven Weber <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [130789] BB propagation?  
Message-ID: <3.0.6.32.20020726140552.007a9e60@mailhost.ncia.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anyone got an idea what the solar forcast for Sunday is like? At least the  
Wx forcast looks good for around here :-)

72,  
Steve, KD1JV  
"Melt Solder"  
White Mountains of New Hampshire  
<http://www.qsl.net/kd1jv/>

-----  
Date: Fri, 26 Jul 2002 13:53:10 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: qrp-l@lehigh.edu  
Subject: [130790] Bands Rotten?  
Message-ID: <3D415446.31425.33A001@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

Got a rainy day today, so thought I would look for DX. I see the SF is over 200,  
the K index is 3, and the A is 11, so should be pretty good.

Why is it then that I can only seem to hear a couple sigs on 20, and even less on

15? Tried the beam, the Gap Vertical and even the loop..nada. Last night, after the Fox,  
20 was pretty good, Worked 9A2HF again with honest 579 both ways. Sure seems lousy today for the way the solar flux is supposed to be.

Is it my Conjugate Match is unmatched? Maybe I should try an EH antenna? Or maybe I'll go clean my ears...

--

/\ /\ /\ /\ /\ John L. Sielke  
( W )( 2 )( A )( G )( N ) <http://www.w2agn.net>  
\\_/\_/\_/\_/\_/\_/ ARCI, NJQRP, ARQrp,GQRP,RSGB  
Ex- K3HLU, W7JEF, W4MPC, N4JS

-----  
Date: Fri, 26 Jul 2002 20:08:54 +0200  
From: Ingo Meyer DK3RED <dk3red@t-online.de>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [130791] Re: Battery Monitor Circuits no good?  
Message-ID: <3D419036.76F6DFFE@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Darrol,

> Out of curiosity, I looked at the circuit that's at  
> [www.reconnsworld.com](http://www.reconnsworld.com).(etc) Well, that's a dead  
> circuit if I ever saw one. ... This is a stupid,  
> completely useless circuit ! ...

I disagree, because this circuit will work! Check it with a 741 from your junk box. It is a comparator. A comparator is an OP (like a 741) without a resistor from the output to one of the input pins. If the voltage on the "-" pin greater than the voltage on the "+" pins, so the output goes to to "-". If the voltage on the "+" pin greater than the voltage on the "-" pins, so the output goes to to "+". The diffence between the two input voltages must only 1mV (milli volts) for switching the output.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>  
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

-----

Date: Fri, 26 Jul 2002 14:12:04 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Cc: noGA reflector <nogaqrp@mailman.qth.net>, cw@mailman.qth.net  
Subject: [130792] Fwd: WWV-Message  
Message-ID: <5.1.1.6.2.20020726141139.00b082f0@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>X-Authentication-Warning: dawn.sec.noaa.gov: majordom set sender to  
>sec@dawn.sec.noaa.gov using -f  
>Date: Fri, 26 Jul 2002 18:06:01 GMT  
>From: Space Environment Center <sec@sec.noaa.gov>  
>To: wwv-list-send@dawn.sec.noaa.gov  
>Subject: WWV-Message  
>Sender: sec@sec.noaa.gov  
>Reply-To: sec@sec.noaa.gov  
>  
>:Product: Geophysical Alert Message wwv.txt  
>:Issued: 2002 Jul 26 1806 UTC  
># Prepared by the US Dept. of Commerce, NOAA, Space Environment Center  
>#  
>#           Geophysical Alert Message  
>#  
>Solar-terrestrial indices for 25 July follow.  
>Solar flux 218 and mid-latitude A-index 11.  
>The mid-latitude K-index at 1800 UTC on 26 July was 3 (38 nT).  
>  
>Space weather for the past 24 hours has been minor.  
>Solar radiation storms reaching the S1 level occurred.  
>Radio blackouts reaching the R1 level occurred.  
>  
>Space weather for the next 24 hours is expected to be ??????  
>Solar radiation storms reaching the S1 level are expected.  
>Radio blackouts reaching the R1 level are expected.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Fri, 26 Jul 2002 14:06:51 -0400  
From: W2AGN <w2agn@w2agn.net>  
To: kd1jv@moose.ncia.net,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [130793] Re: BB propagation?  
Message-ID: <3D41577B.19259.402BFE@localhost>  
MIME-version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-description: Mail message body

On 26 Jul 2002 at 14:05, Steven Weber wrote:

> Anyone got an idea what the solar forcast for Sunday is like? At least the  
> Wx forcast looks good for around here :-)  
>

This is extracted from the ARRL Propagation Bulletin which just came out:

"Sunspot numbers are expected to remain fairly high, continuing above 200 over the next few days. As long as there aren't any geomagnetic storms, this is good for HF propagation. The current outlook for Friday through Monday is solar flux at 220, 220, 225 and 225, and a mild geomagnetic outlook with predicted planetary A index values of 15, 10, 10 and 8."

Looks good, but doesn't sound so good right now.

--

/ \ / \ / \ / \ / \ John L. Sielke  
( W ) ( 2 ) ( A ) ( G ) ( N ) <http://www.w2agn.net>  
 \\_ / \\_ / \\_ / \\_ / \\_ / ARCI, NJQRP, ARQrp, GQRP, RSGB  
Ex- K3HLU, W7JEF, W4MPC, N4JS

-----  
Date: Fri, 26 Jul 2002 20:21:17 +0200

From: Ingo Meyer DK3RED <dk3red@t-online.de>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [130794] Re: Battery Monitor Circuits no good?  
Message-ID: <3D41931D.C6EA7EF6@t-online.de>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello Darrol,

Sorry for my stupid comment. I have not seen that both pins on the same potential. The circuit will only work if one of the input voltages are solid/contant.

SRI AGN.

--

72/73 de Ingo, DK3RED Don't forget: the fun is the power!

dk3red@t-online.de <http://www.t-online.de/~dk3red>  
DL-QRP-AG #824 <http://www.dl-qrp-ag.de>

-----  
Date: Fri, 26 Jul 2002 11:42:36 -0700 (PDT)  
From: N1EU <n1eu@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [130795] BB propagation?  
Message-ID: <20020726184236.62276.qmail@web14603.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Not sure about the propagation forecast, but I want to encourage folks to give 15M a try during the contest - call cq a few times. The band was quite open last year, but seemed like no one would budge off 14060. Inactive doesn't necessarily mean dead ;-)

72/73,  
Barry N1EU/BB

-----  
Do You Yahoo!?  
Yahoo! Health - Feel better, live better  
<http://health.yahoo.com>  
-----

Date: Fri, 26 Jul 2002 15:03:13 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: QRP-L Reflector <qrp-l@lehigh.edu>  
Subject: [130796] OT: (sort of) PIM/Calendars  
Message-ID: <5.1.1.6.2.20020726145313.0a91e830@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Someone emailed me asking about what PIM/calendar I use... and I cannot find the email. At the time, I had just abandoned MS OUTLOOK in favor of EUDORA (I'm VERY happy with the change) and lost the calendar function built-in to OUTLOOK. I have finally settled on one, and it is FREEWARE! It can handle my NoGA QRP Club meeting being the 1st SAT of every month (as opposed to one I tried that could only handle dates), and a NUMBER of other things. Beats me why the guy is giving it away... but he is. It is called "Click Tray Calendar" and available at:  
<[http://www.waseo.de/PC-Freeware/ClickTray\\_\\_E\\_/clicktray\\_\\_e\\_.html](http://www.waseo.de/PC-Freeware/ClickTray__E_/clicktray__e_.html)> .

I apologize for the OT but can think of no other way to relate this. Text searches in EUDORA just have not revealed the original message.

73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI  
OK-QRP QRP-L #758 K2 (FT) #00057

-----  
Date: Fri, 26 Jul 2002 15:17:46 -0400  
From: "Tom" <kf4yyd@adelphia.net>  
To: <QRPP-I@yahoogroups.com>, "QRP-L" <qrp-l@lehigh.edu>  
Subject: [130797] ZM-2's  
Message-ID: <00d401c234d9\$203b73f0\$9865fea9@yourze8cxvr8tt>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Hello,

I'm looking at my ZM-2 and the associated schematic, and at the input you have what appears to be a 50 ohm dummy load connected to the rig with the 'Tune/Operate' switch in the tune position.

What happens if you don't hook up an antenna to the output of the ATU and key the rig? I'm trying to understand this circuit and I don't seem to be grasping something fundamental here. The switch (Tune/Operate) is a DPST and either routes the input to, for lack of a better word the dummy load/SWR indicator, or on to the rest of the circuit i.e the output. However even in the tune position it connects the output ckt to the input. Sooo, I don't get how this thing tunes anything, doesn't the input get dissipated into the 50 ohm resistors send nothing down stream into the antenna?

Thanks,

de Tom kf4yyd

Fredericksburg, Virginia

-----  
Date: Fri, 26 Jul 2002 15:18:04 -0400  
From: "Joe W2KJ" <w2kj@earthlink.net>  
To: "qrp-1" <qrp-1@lehigh.edu>  
Subject: [130798] Smart battery charger  
Message-ID: <006501c234d9\$2bb00a20\$ff34323f@cdcvh01>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Howdy Gang:

I received several good suggestions regarding a previous posting of mine about charging a Gates Cyclon 12v/150am/hr gel cell battery.

Everyone of the postings urged EXTREME caution when handling/charging these batteries, so I decided to look around for a charger capable of handling the Gates properly and SAFELY:-)

In my search for a suitable charger I located the A&A Engineering 5amp Smart Battery Charger.

<http://www.a-aengineering.com>

You will recall that A&A sold several QRP products a while back.

It appears that it will smart charge both Sealed Lead Acid (SLA) as well as gel cell batteries....just what I'm looking for since I have several of these types of batteries around the shack.

Looks like the charger is made to order and not yet in kit form.

Does anyone have any hands-on experience with this A&A Smart Charger???

Any other suggestions about "smart chargers" for the SLA and gel cell types?????

73, Joe W2KJ  
North Carolina

-----  
Date: Fri, 26 Jul 2002 13:09:47 -0700  
From: Russ Carpenter <russ@natworld.com>  
To: QRP-L List <qrp-l@lehigh.edu>  
Subject: [130799] The Final Roster--150 Bees!  
Message-ID: <B966FA9B.11FDD%russ@natworld.com>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Here is the final Bee roster for the Flight of the Bumblebees, which will take place this Sunday. Don't miss it! See the rules at [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)

| Call  | Name    | Bee # |
|-------|---------|-------|
| AA1MY | Seabury | 75    |
| AA2AD | Peter   | 148   |
| AA4XX | Paul    | 114   |
| AA5B  | Bruce   | 59    |
| AA5CK | Ted     | 119   |
| AA8IV | Rich    | 127   |



|        |         |     |
|--------|---------|-----|
| AB7RU  | Mike    | 19  |
| AC5K   | Wes     | 65  |
| AC6KW  | Jeff    | 48  |
| AC6NT  | Eric    | 139 |
| AD4MZ  | Bob     | 66  |
| AD6JY  | Dan     | 146 |
| AD6WE  | Del     | 73  |
| AE4GX  | Sam     | 10  |
| AF2Q   | Bob     | 85  |
| AF4B   | Bill    | 42  |
| AK7Y   | Greg    | 32  |
| AL7OK  | John    | 112 |
| G0EZI  | John    | 47  |
| G3CWI  | Richard | 81  |
| GM3SKN | Denis   | 128 |
| K0EVZ  | Doc     | 18  |
| K0ZK   | Arnold  | 111 |
| K1LGQ  | Dennis  | 23  |
| K1SWL  | Dave    | 89  |
| K1VP   | Ed      | 58  |
| K3TW   | Tom     | 70  |
| K4BYF  | Jack    | 79  |
| K4FB   | Paul    | 8   |
| K4MF   | Gary    | 135 |
| K5HJP  | Bill    | 144 |
| K5HOY  | Jo      | 26  |
| K5HWT  | Morgan  | 64  |
| K5IS   | Jerome  | 61  |
| K5RAC  | Joe     | 44  |
| K5TN   | Wade    | 83  |
| K6HB   | Bill    | 40  |
| K6PZB  | John    | 99  |
| K7PX   | Steve   | 31  |
| K7RVX  | Michael | 72  |
| K7TD   | Terry   | 117 |
| K7TQ   | Randy   | 95  |
| K8HJ   | John    | 103 |
| KA8MAV | Brice   | 63  |
| KB0VCC | Dale    | 93  |
| KB9BVN | Brian   | 98  |
| KB9LCK | Chris   | 54  |
| KC0IDI | Reid    | 11  |
| KC2CKL | Brian   | 121 |
| KC9LC  | Randy   | 87  |
| KD4FLO | John    | 147 |
| KD5KXF | Mike    | 97  |
| KD5LX  | Bob     | 78  |
| KD7CTF | Lee     | 134 |

|        |         |     |
|--------|---------|-----|
| KD7GIM | Dave    | 122 |
| KE3FL  | Phil    | 45  |
| KG0MZ  | John    | 90  |
| KG4MTN | Mike    | 51  |
| KG6BYX | William | 106 |
| KI0II  | Ron     | 21  |
| KI6SN  | Richard | 124 |
| K04WX  | Mike    | 6   |
| KQ6DV  | Tom     | 36  |
| KQ6NO  | Rick    | 24  |
| KW4JS  | John    | 37  |
| N0DSP  | Tom     | 92  |
| N0JRN  | Jerry   | 27  |
| N0QT   | Jan     | 13  |
| N0RC   | Rod     | 20  |
| N0SXX  | Gary    | 46  |
| N0TU   | Steve   | 62  |
| N0UR   | Jim     | 55  |
| N1EU   | Barry   | 116 |
| N1NFG  | Mick    | 131 |
| N2CQ   | Ken     | 28  |
| N2TO   | Keven   | 53  |
| N2XE   | John    | 125 |
| N3BJ   | Alan    | 84  |
| N4BP   | Bob     | 39  |
| N4DD   | Dennis  | 7   |
| N4ROA  | Dan     | 96  |
| N5FC   | Monty   | 133 |
| N6GA   | Cam     | 49  |
| N6MM   | Harvey  | 57  |
| N6QKP  | Lew     | 126 |
| N6WG   | Bob     | 17  |
| N6XI   | Rick    | 2   |
| N7ACR  | Dan     | 101 |
| N7CEE  | Bruce   | 43  |
| N7LT   | Lyndel  | 38  |
| N7PU   | Tom     | 108 |
| N7SR   | Steve   | 30  |
| N9AW   | Jerry   | 33  |
| N9OH   | Steve   | 118 |
| N9WW   | Jim     | 149 |
| NG8S   | Marie   | 56  |
| NK9G   | Rick    | 52  |
| NM5M   | Eric    | 16  |
| N05DL  | Dave    | 102 |
| PA0LPE | Bert    | 145 |
| VA7NT  | Paul    | 50  |
| VE3AXL | Phil    | 120 |

|        |          |     |
|--------|----------|-----|
| VE3ELA | Ken      | 94  |
| VE3FAL | Fred     | 107 |
| VE3FLB | Rob      | 138 |
| VE3GWN | Ken      | 68  |
| VE3JC  | John     | 35  |
| VE3TEQ | Armin    | 15  |
| VE3XT  | Bill     | 104 |
| VE5RC  | Bruce    | 71  |
| VE6QSL | John     | 123 |
| W0CH   | Dave     | 67  |
| W0NX   | Keith    | 74  |
| W10H   | Geoff    | 140 |
| W1PID  | Jim      | 4   |
| W2XN   | Fred     | 113 |
| W3BBO  | Bob      | 14  |
| W3CD   | Bob      | 115 |
| W3TW   | Tom      | 80  |
| W3ZMN  | Conrad   | 82  |
| W6AGS  | Arth     | 25  |
| W6KI   | Glenn    | 100 |
| W6ZIP  | John     | 132 |
| W7PUA  | Bob      | 60  |
| W7PUA  | Bob      | 150 |
| W8BHK  | Harcourt | 105 |
| W8DIZ  | Diz      | 29  |
| W9FNB  | Gary     | 109 |
| W9HL   | Randy    | 91  |
| WA0RSE | Paul     | 141 |
| WA1SCH | Bob      | 142 |
| WA2IAC | Gregg    | 137 |
| WA2OCG | Michael  | 76  |
| WA3HWY | Thomas   | 69  |
| WA4CIT | Randy    | 77  |
| WA4CMI | Albert   | 129 |
| WA4SQM | Ken      | 12  |
| WA6YSY | John     | 41  |
| WA7LNW | Jack     | 1   |
| WA9TPZ | Lou      | 110 |
| WA9TZE | Jim      | 86  |
| WB4OFT | John     | 22  |
| WB4WSE | Mike     | 136 |
| WB6HQQ | Bart     | 34  |
| WD0HBB | Brian    | 130 |
| WD3P   | Larry    | 3   |
| WI8W   | Thom     | 9   |
| WU0H   | Keith    | 5   |
| WY1W   | Butch    | 143 |

-----  
Date: Fri, 26 Jul 2002 16:33:37 -0400  
From: "NZ8J" <timcook@erinet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130800] FS/Trade: S&S Engineering PC-1 digital readout  
Message-ID: <003601c234e3\$b8e178c0\$6122fea9@erinet.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Exc condition PC-1 digital readout made by S&S engineering ( =  
<http://www.sseng.com/> )  
with power cube. \$75 or trade + little \$\$ for a MFJ 945E Antenna tuner. =  
( looking for the latest version with 6 meters and bypass switch)  
Thanks=20  
=20  
Tim  
NZ8J

-----  
Date: Fri, 26 Jul 2002 16:29:53 -0400  
From: "William K. Harding" <k4ahk@ix.netcom.com>  
To: w2kj@earthlink.net,  
      Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130801] Re: Smart battery charger  
Message-ID: <E17YBnY-0007te-00@smtp10.atl.mindspring.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Joe:

The A&A charger does come in kit form. I have built several over the years  
- the last one just a couple of months ago. The first one that I built was  
about 5 years ago and has been on continuous duty ever since. It is a good  
product.

Bill - K4AHK

-----  
>From: "Joe W2KJ" <w2kj@earthlink.net>  
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
>Subject: Smart battery charger

>Date: Fri, Jul 26, 2002, 3:18 PM

>

>Howdy Gang:

>

>I received several good suggestions regarding a previous  
>posting of mine about charging a Gates Cyclon 12v/150am/hr  
>gel cell battery.

>

>Everyone of the postings urged EXTREME caution when  
>handling/charging these batteries, so I decided to look around  
>for a charger capable of handling the Gates properly and  
>SAFELY:-)

>

>In my search for a suitable charger I located the A&A  
>Engineering 5amp Smart Battery Charger.

>

><http://www.a-aengineering.com>

>

>You will recall that A&A sold several QRP products a while  
>back.

>

>It appears that it will smart charge both Sealed Lead Acid  
>(SLA) as well as gel cell batteries....just what I'm looking  
>for since I have several of these types of batteries around  
>the shack.

>

>Looks like the charger is made to order and not yet in kit  
>form.

>

>Does anyone have any hands-on experience with this A&A Smart  
>Charger???

>

>Any other suggestions about "smart chargers" for the SLA and  
>gel cell types?????

>

>

73, Joe W2KJ  
North Carolina

>

>

>

>

>

>

-----

Date: Fri, 26 Jul 2002 16:49:18 -0400

From: "Jim Stamper" <jstamper@shentel.net>

To: <w2agn@w2agn.net>,

"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130802] Re: Bands Rotten?  
Message-ID: <002d01c234e5\$ea2e6760\$631c6fcc@jim>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FWIW 5B4/RW9UP was very strong about 21.020 this afternoon working people from all over.

I couldn't break the pileup with 5 watts but hearing this guy work fast and clean was an inspiration. Signed his call after every contact.

jim-  
KG4LDY

----- Original Message -----  
From: "W2AGN" <w2agn@w2agn.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, July 26, 2002 1:53 PM  
Subject: Bands Rotten?

> Got a rainy day today, so thought I would look for DX. I see the SF is over 200, the K index is 3, and the A is 11, so should be pretty good.  
>  
> Why is it then that I can only seem to hear a couple sigs on 20, and even less on 15? Tried the beam, the Gap Vertical and even the loop..nada. Last night, after the Fox,  
> 20 was pretty good, Worked 9A2HF again with honest 579 both ways. Sure seems lousy today for the way the solar flux is supposed to be.  
>  
> Is it my Conjugate Match is unmatched? Maybe I should try an EH antenna? Or maybe I'll go clean my ears...  
> --  
>  
> / \ / \ / \ / \ / \ John L. Sielke  
> ( W ) ( 2 ) ( A ) ( G ) ( N ) <http://www.w2agn.net>  
> \\_ / \\_ / \\_ / \\_ / \\_ / ARCI, NJQRP, ARQrp, GQRP, RSGB  
> Ex- K3HLU, W7JEF, W4MPC, N4JS  
>

-----  
Date: Fri, 26 Jul 2002 15:53:12 -0500 (EST)  
From: <igeq100@iupui.edu>

To: Tom <kf4yyd@adelphia.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [130803] Re: ZM-2's  
Message-ID: <Pine.GS0.3.96.1020726154609.8285A-100000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Tom -

I'm working from memory here, but I think that the situation is this. Yes, in the tune position, the input RF is fed across a resistor which is part of a bridge circuit. The tuner/antenna circuitry forms another leg of the bridge, and the LED will go out when equal current flows through both sides of the bridge. You will notice a decrease in received signal strength in the tune position, and if you transmit in the tune position, you will also lose some of your signal. So remember to switch back to the run position after tuning up.

You don't lose all of your signal, because the antenna is effectively in parallel with the 50 ohm resistor, and the RF current divides accordingly. I hope that my memory of the circuit is correct, and that my explanation is also. (Aside to the list - if I have misled Tom, please correct my mistakes!)

72/73,

Rich, WB9LPU

On Fri, 26 Jul 2002, Tom wrote:

> Hello,  
> I'm looking at my ZM-2 and the associated schematic, and at the input  
> you have what appears to be a 50 ohm dummy load connected to the rig with  
> the 'Tune/Operate' switch in the tune position.  
> What happens if you don't hook up an antenna to the output of the ATU  
> and key the rig? I'm trying to understand this circuit and I don't seem to  
> be grasping something fundamental here. The switch (Tune/Operate) is a DPST  
> and either routes the input to, for lack of a better word the dummy load/SWR  
> indicator, or on to the rest of the circuit i.e the output. However even in  
> the tune position it connects the output ckt to the input. Sooo, I don't get  
> how this thing tunes anything, doesn't the input get dissipated into the 50  
> ohm resistors send nothing down stream into the antenna?

>  
> Thanks,  
> de Tom kf4yyd  
> Fredericksburg, Virginia  
>  
>  
>  
>

-----  
Date: Fri, 26 Jul 2002 13:08:06 -0800  
From: Jim Larsen - AL7FS <AL7FS@arrl.net>  
To: n1eu@yahoo.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [130804] Re: BB propagation - encourage folks to give 15M a try  
Message-ID: <3D41BA36.A185EA2D@ARRL.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I will give it a try in the BB Contest.

It pays to check 15 meters. I turned on 15 meters last night after 0700Z and found RI0L. Only signal on the band and not getting many takers. 5 watts was all it took.

ASIATIC RUSSIA, UA0. The RI0L team will be QRV in the IOTA Contest from Rikorda Island, IOTA AS-066. QSL via IK2DUW.

AS-066 Sea of Japan Coast Group  
RA3CW, RA4HTX, RU0LL, RV3ACA, RW0LV, RW0LZ, RZ4HF and UA0LST plan to operate as RI0L (<http://ri0l.nauss.ru>) from Rikorda Island (AS-066, new one for RRC Award) on 20-30 July. QSL via RU0LL (Russian stations) or IK2DUW (others).

=====

N1EU wrote:

I want to encourage folks to give 15M a try during the contest -  
> call cq a few times. The band was quite open last  
> year

=====

73, Jim

--  
Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094  
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

-----  
Date: Fri, 26 Jul 2002 14:25:17 -0700  
From: "Trevor Jacobs" <kg6cyn@earthlink.net>  
To: <AL7FS@arrl.net>,



"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [130805] Re: BB propagation - encourage folks to give 15M a try  
Message-ID: <011601c234ea\$f0b858c0\$0c98b2d1@tjacobs>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Ok...I'll ask and show my ignorance ;- ) What the heck is the BB  
contest???

73's Trev KG6CYN  
<http://home.earthlink.net/~kg6cyn>  
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Jim Larsen - AL7FS <AL7FS@arrl.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Sent: Friday, July 26, 2002 2:08 PM  
Subject: Re: BB propagation - encourage folks to give 15M a try

> I will give it a try in the BB Contest.  
>  
> It pays to check 15 meters. I turned on 15 meters last night after  
0700Z  
> and found RI0L. Only signal on the band and not getting many takers.  
5  
> watts was all it took.  
>  
> ASIATIC RUSSIA, UA0. The RI0L team will be QRV in the IOTA Contest  
from  
> Rikorda Island, IOTA AS-066. QSL via IK2DUW.  
>  
> AS-066 Sea of Japan Coast Group  
> RA3CW, RA4HTX, RU0LL, RV3ACA, RW0LV, RW0LZ, RZ4HF and UA0LST plan to  
> operate as RI0L (<http://ri0l.nauss.ru>) from Rikorda Island (AS-066,  
new one  
> for RRC Award) on 20-30 July. QSL via RU0LL (Russian stations) or  
IK2DUW  
> (others).  
> =====  
> N1EU wrote:  
> I want to encourage folks to give 15M a try during the contest -  
> > call cq a few times. The band was quite open last  
> > year  
> =====  
>

> 73, Jim  
> --  
> Jim Larsen, AL7FS, Anchorage, Alaska  
> (BP51cc) - 61.101 North, 149.824 West  
> ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094  
> mailto:al7fs@arrl.net - http://www.qsl.net/al7fs/  
>

-----  
Date: Fri, 26 Jul 2002 15:27:53 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@lehigh.edu>  
Subject: [130806] need manual please...  
Message-ID: <Pine.LNX.4.33.0207261523320.24485-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

anyone have a manual for the old square version of the AEA Isoloop  
please?...as you can see below Mark needs one...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----  
Date: Fri, 26 Jul 2002 11:16:20 -0400  
From: Mark\_Korchinski@hc-sc.gc.ca  
To: Bruce Rattray <rattray@gpfn.sk.ca>  
Subject: Re: QRP-CANADA digest 1173

Certainly welcome. If you ever come across an manual for the  
old (square) version of the AEA Isoloop you can reciprocate.

To: Mark Korchinski/HC-SC/GC/CA@HWC  
cc:

-----  
Date: Fri, 26 Jul 2002 13:39:21 -0800  
From: Jim Larsen - AL7FS <AL7FS@arrl.net>  
To: Trevor Jacobs <kg6cyn@earthlink.net>,  
"qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [130807] What the heck is the BB contest???  
Message-ID: <3D41C189.DD6C9E07@ARRL.NET>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Trevor Jacobs wrote:  
What the heck is the BB contest???

=====

Flight of the Bumblebees (CW) ... QRP Contest!

Jul 28 - 1700z to 2100z

Rules: [http://www.natworld.com/ars/pages/bumblebees/bb\\_rules.html](http://www.natworld.com/ars/pages/bumblebees/bb_rules.html)

"Most outrageous venture for QRP Portable

=====

73, Jim

--  
Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
ex-WA0LPK AK-QRP#003 SOC#003 10-X-#12094  
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

-----  
Date: Fri, 26 Jul 2002 15:59:38 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@lehigh.edu>  
Subject: [130808] a little helpful aid...  
Message-ID: <Pine.LNX.4.33.0207261549270.26606-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's a little something that helps me operate....probably someone else has already done this but in case it helps another operator, here it is...

...my CDE rotator control box is on a small shelf about 40-45 degrees and about 2 feet or so in a straight line, from where I sit to operate...fine, I just reach over and operate it when I need to turn the beam....

...BUT I cannot see the degree numbers on the rotator's faceplate...I can see they're there but not read the numbers...the letters for S, W, N and E are likewise a little blurred but more readable...

...as happens to qrpers often, a small (qrp) inspiration suddenly appeared in my mind...so I booted up the Windows Paint program and drew the rotator scale, complete with numbers, letters and made it much larger than the scale on the actual rotator...then I thumb-tacked it to the shelf below the rotator and now I can see the degree numbers clearly from where I sit when I swing my little beam...easy to do and it has solved a problem for me...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Fri, 26 Jul 2002 17:59:09 -0400  
From: "Kevin M., KC8SFJ" <adverseyaw@twmi.rr.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,  
"2N2/40 List Server" <2n2-40@yahoo.com>  
Subject: [130809] On the Air in Grayling  
Message-ID: <001701c234ef\$ae729c50\$45f5d018@magnus>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,  
I will be operating my 2N2/40 from our cabin in Grayling. I am trying out a new antenna I have cobbled together. It is the K4VX linear loaded dipole from last month's QST. I should have it up by 1500Z tomorrow, it is together just not raised yet. Tonight (around 0200Z) I will be using my N5FC notebook antenna < [http://www.io.com/~n5fc/notebk\\_ant.htm](http://www.io.com/~n5fc/notebk_ant.htm) > to see how it works. I will be around 7.040 putting out a monumental 2W signal if anyone wants to QSO with me. Thanks and

73,

Kevin, KC8SFJ/8

```
|=====|
| QRP-L      #2366  - member since October/2001 |
| QRP-ARCI   #11248 - member since May/2002     |
| FISTS      #9293  - member since July/2002     |
| HR          - member since September/1965      |
|=====|
```

AdverseYaw@twmi.rr.com <-- My email address  
AdverseYaw@bigfoot.com <-- My forwarding address  
Quote of the day--

Those who make peaceful revolution impossible will make violent  
revolution inevitable - J.F. Kennedy

-----  
Date: Fri, 26 Jul 2002 15:06:31 -0700 (PDT)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [130810] Re: FOX K0EVZ = first report  
Message-ID: <20020726220631.77213.qmail@web10006.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

Doc,  
As I've mentioned, us hounds get pelts, you foxii get  
bites...70 bites. Not too painful, I hope...  
Great job being the fox, though! It seems to take  
quite a bit of patience and skill to get that many  
bites. Thanks for all that effort.  
72,

=====  
Lloyd, K3ESE  
K1 # 00379 - ARRL  
ARS #1301 - FISTS #8774  
FPqrp #476 - QRParci #11147  
QRP-L #2415 - SOC #530  
HGT #6'1" - WGT #190  
BT #B-

-----  
Do You Yahoo!?  
Yahoo! Health - Feel better, live better  
<http://health.yahoo.com>

-----  
Date: Fri, 26 Jul 2002 23:17:14 +0100  
From: "Leon Heller" <leon\_heller@hotmail.com>  
To: <Ronald\_A\_Pfeiffer@raytheon.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130811] Re: 12v Battery Monitor circuit  
Message-ID: <DAV54H67yRLVbNDN4Cx00014825@hotmail.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've just been using Spice to experiment with a simple comparator circuit using an LM324 op amp that seems to work OK for monitoring a 12V battery. It uses a 6V2 Zener as a reference and the voltage can be set with a 100K multi-turn pot. I've added a feedback resistor to provide some hysteresis. Output goes between close to ground and about 11V as the pot is varied. The circuit could be repeated to give fully charged, OK and discharged indications (the LM324 has four amps). The reference can be common, of course. LEDs can go in series with the output load resistors.

I've put the Spice schematic on my web site:

[http://www.geocities.com/leon\\_heller/batt\\_mon.html](http://www.geocities.com/leon_heller/batt_mon.html)

73, Leon

--

Leon Heller, G1HSM  
leon\_heller@hotmail.com  
[http://www.geocities.com/leon\\_heller](http://www.geocities.com/leon_heller)

-----  
Date: Sat, 27 Jul 2002 00:36:03 +0200  
From: "Juanjo Pastor" <ec5aca@wanadoo.es>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130812] RE: CQ East Coast again!  
Message-ID: <000801c234f4\$ebedf3e0\$6433243e@fer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Hello QRPLers,

I went to Liria this evening but no meeting in the radioclub tonite. I felt my heart broken seeing the wonderful antenna system there and I could not feed some RF to it... Hope you QRPLers take a good deal of european DX anyway...

73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742, QRP-L #1662.

Juanjo Pastor  
C/San Roque, 4-1=BA  
46460 Silla  
SPAIN

e-mail: ea5chq@wanadoo.es

Tel.: +034 96 120 17 67

Movil: 651 35 35 11

-----Mensaje original-----

De: Juanjo Pastor <ec5aca@wanadoo.es>

Para: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Fecha: viernes, 26 de julio de 2002 19:23

Asunto: RE: CQ East Coast again!

>Obviously, a number jumped down and it is today, Friday the 26th.  
>Hope

>to work a lot of east coast QRPLers!

>

>73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
>QRP-L #1662.

>

>Juanjo Pastor  
>C/San Roque, 4-1=BA  
>46460 Silla  
>SPAIN

>

>e-mail: ea5chq@wanadoo.es

>Tel.: +034 96 120 17 67

>Movil: 651 35 35 11

>

>-----Mensaje original-----

>De: Juanjo Pastor <ec5aca@wanadoo.es>

>Para: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

>Fecha: jueves, 25 de julio de 2002 19:19

>Asunto: CQ East Coast again!

>

>

>>Hello again,  
>>  
>> I (hopefully) will be on 14.060 and neighbourhood at 22:00 or so  
>>this Friday the 16th with my TT1320 at 3 Watts and the 3 element  
>>triband yagi beam of the radioclub in Liria, near Valencia. Hope to  
>>hear some of you. CUL on the air!  
>>  
>>73, 72 de Juanjo, EA5CHQ-EC5ACA. EA-QRP #104, G-QRP #9742,  
>>QRP-L #1662.  
>>  
>>Juanjo Pastor  
>>C/San Roque, 4-1=BA  
>>46460 Silla  
>>SPAIN  
>>  
>>e-mail: ea5chq@wanadoo.es  
>>Tel.: +034 96 120 17 67  
>>Movil: 651 35 35 11  
>>  
>>  
>

-----  
Date: Fri, 26 Jul 2002 22:33:37 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: pgardella@yahoo.com,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [130813] Re: Antennas and Spouses  
Message-ID: <5.1.0.14.0.20020726223124.027f8048@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 09:45 AM 7/26/2002 -0700, Patrick Gardella wrote:

>That got her thinking. So last night she came to me and asked "how hard  
>it would be to put in an  
>antenna like the one down the street so we could talk to our  
>friends?". The antenna in question  
>is a giant tower with a big yagi! So much for the "ugly antenna" problem. :)

Now if she doesn't have her ticket, put up the tower then tell her they are  
in one of the countries where we don't have a third party agreement. So  
while you can chat with them she will have to get her ticket so she can  
chat as well.

73 de Larry.....WD3P



<http://www.wd3p.net/>

-----  
Date: Fri, 26 Jul 2002 16:46:10 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@lehigh.edu>  
Subject: [130814] Eudora  
Message-ID: <Pine.LNX.4.33.0207261644230.31676-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

I'd like to receive opinions from people who are using Eudora  
please...good, bad, not bad, not good, etc....thank you....I'm using IE at  
the present time....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
End of QRP-L Digest 2628

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